

## Edital

N.º 133/DAFRH-DAAG/2025

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**CONTROLO DE QUALIDADE DA ÁGUA PARA CONSUMO HUMANO (REDE EM BAIXA)  
2º TRIMESTRE DE 2025**

ÁLVARO MANUEL BALSEIRO AMARO, Presidente da Câmara Municipal de Palmela:

**Torna público**, nos termos do artigo 32º do Decreto - Lei nº 69/2023, de 21 de agosto, os resultados gerais e os correspondentes a cada uma das dezoito zonas de abastecimento do Concelho (Águas de Moura; Aldeia Nova da Aroeira; Asseiceira/Forninho; Barra Cheia; Biscaia/Brejos do Assa; Cajados; Carrascas; Carregueira; Fernando Pó; Gâmbia; Golfe do Montado; Lagoinha; Marquesas; Núcleos Rurais; Palmela; Pinhal Novo; Quinta do Anjo/Cabanas e Vila Amélia) das análises de demonstração de conformidade, obtidas em colheitas de água na rede pública de distribuição de água em baixa, de acordo com o Plano de Controlo de Qualidade da Água (PCQA), aprovado pela Entidade Reguladora dos Serviços de Águas e Resíduos (ERSAR), que se anexam ao presente edital.

Para constar se lavrou o presente Edital que vai ser afixado nos lugares públicos do costume.

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Palmela, 17 de setembro de 2025.

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM ÁGUAS DE MOURA NO CONCELHO DE PALMELA     |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,3             | 0,4     | 0                          | 100%                | 3                        | 3          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 °C (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | ND              | ND      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20°C)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 136             | 136     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 6,9             | 6,9     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25°C (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25°C (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | 0,36            | 0,36    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloreto (mg/L Cl)                                                                                                                                                                                                                                                                                 | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Polónio 210 (Bq/L)                                                                                                                                                                                                                                                                                |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Rádio 226 (Bq/L)                                                                                                                                                                                                                                                                                  |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Urânio 234 (Bq/L)                                                                                                                                                                                                                                                                                 |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM ALDEIA NOVA DA AROEIRA NO CONCELHO DE PALMELA |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                       |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017)     | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                       | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                     | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                     | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                                   | 0,4             | 0,4     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                                  | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                             | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      |                                                                                                       |                 |         |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                       |                 |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                                  | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                       |                 |         |                            |                     | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                       |                 |         |                            |                     | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                                   | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                                   | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                       |                 |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                                                                                                                                                                        | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM ASSEICEIRA FORNINHO NO CONCELHO DE PALMELA |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).                                                                                                                                                  |                                                                                                    |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                                                                                                                                                                               | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017)  | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                    | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                                                                  | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                                                                                                  | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | ---                                                                                                | 0,3             | 0,3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200                                                                                                | <50             | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,5                                                                                                | <0,02           | <0,02   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Número de colónias a 22 °C (N/ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | Sem alteração anormal                                                                              | ND              | ND      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20°C)                                                                                                                                                                                                                                                                                                                                                                                                                       | 2500                                                                                               | 335             | 335     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                                                                                                  | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20                                                                                                 | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                                                                                                                                                                   | ≥6,5 e ≤9                                                                                          | 5,6             | 5,6     | 1                          | 0%                  | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                                | <50             | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                 | <15             | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                                                                                                                                                                                | 50                                                                                                 | 47              | 47      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                                                                                                                                                                                | 0,5                                                                                                | <0,020          | <0,020  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                                  | <1,5            | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cheiro a 25°C (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                  | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25°C (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                                                                                                  | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                  | <0,30           | <0,30   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                  | <1,5            | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                  | <0,15           | <0,15   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                                                                                                                                                                               | 10                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5                                                                                                  | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                                                                                                                                                                   | ---                                                                                                | 6,8             | 6,8     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                 | <15             | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                  | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                                                                                                 | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                                                                                                                                                                          | ---                                                                                                | 46              | 46      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                                                                                  | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,5                                                                                                | <0,1            | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | ---                                                                                                | 7               | 7       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                                  | <0,2            | <0,2    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                                                                                 | <5              | <5      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    | sem alteração anormal                                                                              | 4,6             | 4,6     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                                | <0,005          | <0,005  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                                | 0,136           | 0,136   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250                                                                                                | 56              | 56      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                                | 33              | 33      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                                                                                                                                                                                | 250                                                                                                | <10             | <10     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                    |                 |         |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                  | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | ---                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                | ---                                                                                                | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | ---                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | ---                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | ---                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | ---                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                                  | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| HAP                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                    |                 |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                                | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,01                                                                                               | <0,003          | <0,003  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | ---                                                                                                | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | ---                                                                                                | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | ---                                                                                                | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | ---                                                                                                | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 0,5                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                    | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                    | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,1                                                                                                | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,1                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0,1                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | 0,1                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,1                                                                                                | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                                | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                    |                 |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,1                                                                                                | <0,1            | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500                                                                                                | <10             | <10     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,1                                                                                                | <0,04           | <0,04   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH é reflexo das características hidrogeológicas da água. A CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 são registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano. |                                                                                                    |                 |         |                            |                     |                          |            |                       |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       |                                                                                                   | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM BARRA CHEIA NO CONCELHO DE PALMELA |        |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                                                                                            |        |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos                                                                            |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo                                                                                     | Máximo |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0                                                                                          | 0      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0                                                                                          | 0      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,3                                                                                        | 0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | ND                                                                                         | ND     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 116                                                                                        | 116    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2                                                                                         | <2     | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 7                                                                                          | 7      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1                                                                                         | <1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1                                                                                         | <1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | 1,3                                                                                        | 1,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3                                                                                         | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0                                                                                          | 0      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      |                                                                                                   |                                                                                            |        |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                                                                                            |        |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           |                                                                                                   |                                                                                            |        |                            |                     |                          |            |                       |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | 0,01                                                                                              | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                                                                                            |        |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM BISCAIA BREJOS DO ASSA NO CONCELHO DE PALMELA |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                       |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017)     | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                       | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                     | 0               | 0       | 0                          | 100%                | 7                        | 7          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                     | 0               | 0       | 0                          | 100%                | 7                        | 7          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                                   | 0,3             | 0,5     | 0                          | 100%                | 7                        | 7          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                                 | ND              | ND      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                                  | 242             | 280     | 0                          | 100%                | 2                        | 2          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                    | <2              | <2      | 0                          | 100%                | 2                        | 2          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                             | 7,2             | 7,4     | 0                          | 100%                | 2                        | 2          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                     | <1              | <1      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                     | <1              | <1      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                     | <0,3            | <0,3    | 0                          | 100%                | 2                        | 2          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                    | <3              | <3      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                     | 0               | 0       | 0                          | 100%                | 2                        | 2          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                    | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                     | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               | ---                                                                                                   | ---             | ---     | ---                        | ---                 | ---                      | ---        | ---                   |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                                  | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   | ---                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              | ---                                                                                                   | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         | ---                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                                   | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                                   | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      | ---                                                                                                   | ---             | ---     | ---                        | ---                 | ---                      | ---        | ---                   |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                                                                                                                                                                        | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM CAJADOS NO CONCELHO DE PALMELA            |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).                                                                                                                                                  |                                                                                                   |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                                                                                                                                                                               | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | —                                                                                                 | 0,3             | 0,3     | 0                          | 100%                | 3                        | 3          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200                                                                                               | <50             | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,5                                                                                               | <0,02           | <0,02   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | Sem alteração anormal                                                                             | ND              | ND      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                                                                                                                                                                       | 2500                                                                                              | 175             | 175     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20                                                                                                | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                                                                                                                                                                   | ≥6,5 e ≤9                                                                                         | 6,3             | 6,3     | 1                          | 0%                  | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | <50             | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | <15             | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                                                                                                                                                                                | 50                                                                                                | 23              | 23      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                                                                                                                                                                                | 0,5                                                                                               | <0,020          | <0,020  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                                 | <1,5            | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                 | 0,54            | 0,54    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                 | <1,5            | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                 | <0,15           | <0,15   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                                                                                                                                                                               | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                                                                                                                                                                   | —                                                                                                 | <5              | <5      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | <15             | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                                                                                                | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                 | <17             | <17     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,5                                                                                               | <0,1            | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | —                                                                                                 | 3               | 3       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                                 | <0,2            | <0,2    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                                                                                | <5              | <5      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    | sem alteração anormal                                                                             | 2,7             | 2,7     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | <0,005          | <0,005  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | 0,136           | 0,136   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250                                                                                               | 32              | 32      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | 25              | 25      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                                                                                                                                                                                | 250                                                                                               | 25              | 25      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                | —                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                                                                                               | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| HAP                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,01                                                                                              | <0,003          | <0,003  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | —                                                                                                 | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | —                                                                                                 | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                 | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | —                                                                                                 | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 0,5                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                   | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | <0,1            | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500                                                                                               | <10             | <10     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,04           | <0,04   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH é reflexo das características hidrogeológicas da água. A CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 são registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano. |                                                                                                   |                 |         |                            |                     |                          |            |                       |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM CARRASCAS NO CONCELHO DE PALMELA          |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 2                        | 2          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 2                        | 2          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,3             | 0,4     | 0                          | 100%                | 2                        | 2          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | 14              | 14      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 485             | 485     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 7,3             | 7,3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | 0,57            | 0,57    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       |                                                                                                   | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM CARREGUEIRA NO CONCELHO DE PALMELA |        |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                                                                                            |        |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos                                                                            |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo                                                                                     | Máximo |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0                                                                                          | 0      | 0                          | 100%                | 3                        | 3          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0                                                                                          | 0      | 0                          | 100%                | 3                        | 3          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,4                                                                                        | 0,6    | 0                          | 100%                | 3                        | 3          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | <50                                                                                        | <50    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | <0,02                                                                                      | <0,02  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | 92                                                                                         | 92     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 463                                                                                        | 463    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | 0                                                                                          | 0      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2                                                                                         | <2     | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 7,5                                                                                        | 7,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | <50                                                                                        | <50    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | <15                                                                                        | <15    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | <0,020                                                                                     | <0,020 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | <1,5                                                                                       | <1,5   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1                                                                                         | <1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1                                                                                         | <1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | <0,3                                                                                       | <0,3   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | 55                                                                                         | 55     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3                                                                                         | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | <15                                                                                        | <15    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | <0,020                                                                                     | <0,020 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | <2                                                                                         | <2     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | 160                                                                                        | 160    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0                                                                                          | 0      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | <0,1                                                                                       | <0,1   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | 6                                                                                          | 6      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | <0,2                                                                                       | <0,2   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | <5                                                                                         | <5     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | 3,5                                                                                        | 3,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | <0,005                                                                                     | <0,005 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | 0,194                                                                                      | 0,194  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloreto (mg/L Cl)                                                                                                                                                                                                                                                                                 | 250                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | 27                                                                                         | 27     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | 120                                                                                        | 120    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      |                                                                                                   |                                                                                            |        |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | <3                                                                                         | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | <3                                                                                         | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | <3                                                                                         | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | <3                                                                                         | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | <3                                                                                         | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                                                                                            |        |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           |                                                                                                   |                                                                                            |        |                            |                     |                          |            |                       |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | <0,003                                                                                     | <0,003 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | <0,010                                                                                     | <0,010 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | <0,010                                                                                     | <0,010 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | <0,010                                                                                     | <0,010 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | <0,010                                                                                     | <0,010 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   |                                                                                                   | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                                                                                            |        |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | <10                                                                                        | <10    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---                                                                                        | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM FERNANDO PÓ NO CONCELHO DE PALMELA |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).                                                                                                                                                  |                                                                                                   |                                                                                            |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                                                                                                                                                                               | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos                                                                            |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | Mínimo                                                                                     | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                                                                 | 0                                                                                          | 0       | 0                          | 100%                | 2                        | 2          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                                                                                                 | 0                                                                                          | 0       | 0                          | 100%                | 2                        | 2          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | —                                                                                                 | 0,3                                                                                        | 0,4     | 0                          | 100%                | 2                        | 2          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200                                                                                               | <50                                                                                        | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,5                                                                                               | <0,02                                                                                      | <0,02   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | Sem alteração anormal                                                                             | ND                                                                                         | ND      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                                                                                                                                                                       | 2500                                                                                              | 209                                                                                        | 209     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                                                                                                 | 0                                                                                          | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20                                                                                                | <2                                                                                         | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                                                                                                                                                                   | ≥6,5 e ≤9                                                                                         | 5,7                                                                                        | 5,7     | 1                          | 0%                  | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | <50                                                                                        | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | <15                                                                                        | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                                                                                                                                                                                | 50                                                                                                | 23                                                                                         | 23      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                                                                                                                                                                                | 0,5                                                                                               | <0,020                                                                                     | <0,020  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                                 | <1,5                                                                                       | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1                                                                                         | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                                                                                                 | <1                                                                                         | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                 | <0,3                                                                                       | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                 | <1,5                                                                                       | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                 | <0,15                                                                                      | <0,15   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                                                                                                                                                                               | 10                                                                                                | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5                                                                                                 | <1                                                                                         | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                                                                                                                                                                   | —                                                                                                 | <5                                                                                         | <5      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10                                                                                                | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | <15                                                                                        | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                 | <0,02                                                                                      | <0,02   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                                                                                                | <2                                                                                         | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                 | <17                                                                                        | <17     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                                                                                 | 0                                                                                          | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,5                                                                                               | <0,1                                                                                       | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | —                                                                                                 | 3,6                                                                                        | 3,6     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                                 | <0,2                                                                                       | <0,2    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                                                                                | <5                                                                                         | <5      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | <1                                                                                         | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    | sem alteração anormal                                                                             | 6                                                                                          | 6       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | <0,005                                                                                     | <0,005  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | 0,12                                                                                       | 0,12    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250                                                                                               | 38                                                                                         | 38      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | 25                                                                                         | 25      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                                                                                                                                                                                | 250                                                                                               | 140                                                                                        | 140     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                                                                                            |         |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                                                                | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                 | <0,3                                                                                       | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                | —                                                                                                 | <0,3                                                                                       | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                                 | <0,3                                                                                       | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                                                                                               | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| HAP                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                   |                                                                                            |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,01                                                                                              | <0,003                                                                                     | <0,003  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | —                                                                                                 | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | —                                                                                                 | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                 | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | —                                                                                                 | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 0,5                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                   | <0,03                                                                                      | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                   | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,0300                                                                                    | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | <0,0300                                                                                    | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                                                                                            |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | <0,1                                                                                       | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500                                                                                               | <10                                                                                        | <10     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,04                                                                                      | <0,04   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH é reflexo das características hidrogeológicas da água. A CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 são registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano. |                                                                                                   |                                                                                            |         |                            |                     |                          |            |                       |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM GÂMBIA NO CONCELHO DE PALMELA             |                 |        |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|--------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                 |        |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo          | Máximo |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0               | 0      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0               | 0      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,4             | 0,4    | 0                          | 100%                | 2                        | 2          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                 |        |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   |                                                                                                   | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                 |        |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                                                                                                                                                                        | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM MONTADO NO CONCELHO DE PALMELA            |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).                                                                                                                                                  |                                                                                                   |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                                                                                                                                                                               | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | —                                                                                                 | 0,22            | 0,6     | 0                          | 100%                | 3                        | 3          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200                                                                                               | <50             | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,5                                                                                               | <0,02           | <0,02   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | Sem alteração anormal                                                                             | ND              | 72      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                                                                                                                                                                       | 2500                                                                                              | 168             | 205     | 0                          | 100%                | 2                        | 2          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20                                                                                                | <2              | <2      | 0                          | 100%                | 2                        | 2          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                                                                                                                                                                   | ≥6,5 e ≤9                                                                                         | 6,3             | 6,5     | 1                          | 50%                 | 2                        | 2          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | <50             | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | <15             | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                                                                                                                                                                                | 50                                                                                                | 18              | 18      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                                                                                                                                                                                | 0,5                                                                                               | <0,020          | <0,020  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                                 | <1,5            | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                 | <0,3            | 0,42    | 0                          | 100%                | 2                        | 2          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                 | <1,5            | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                 | <0,15           | <0,15   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                                                                                                                                                                               | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                                                                                                                                                                   | —                                                                                                 | <5              | <5      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10                                                                                                | <3              | <3      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | <15             | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                                                                                                | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                 | <17             | <17     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 2                        | 2          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,5                                                                                               | <0,1            | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | —                                                                                                 | 3,1             | 3,1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                                 | <0,2            | <0,2    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                                                                                | <5              | <5      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    | sem alteração anormal                                                                             | 3,2             | 3,2     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | <0,005          | <0,005  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | 0,207           | 0,207   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250                                                                                               | 34              | 34      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | 27              | 27      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                                                                                                                                                                                | 250                                                                                               | 34              | 34      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                | —                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | —                                                                                                 | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                                                                                               | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| HAP                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,01                                                                                              | <0,003          | <0,003  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | —                                                                                                 | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | —                                                                                                 | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                 | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | —                                                                                                 | <0,010          | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 0,5                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,1                                                                                               | —               | —       | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | —               | —       | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                   | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                   | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | <0,1            | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500                                                                                               | <10             | <10     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,04           | <0,04   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH é reflexo das características hidrogeológicas da água. A CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 são registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano. |                                                                                                   |                 |         |                            |                     |                          |            |                       |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM LAGOINHA NO CONCELHO DE PALMELA           |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,2             | 0,4     | 0                          | 100%                | 3                        | 3          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | ND              | ND      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 127             | 127     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 6,6             | 6,6     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | 3,2             | 3,2     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       |                                                                                                   | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM BISCAIA MARQUESAS NO CONCELHO DE PALMELA |        |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                                                                                                  |        |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos                                                                                  |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo                                                                                           | Máximo |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0                                                                                                | 0      | 0                          | 100%                | 3                        | 3          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0                                                                                                | 0      | 0                          | 100%                | 3                        | 3          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,4                                                                                              | 0,5    | 0                          | 100%                | 3                        | 3          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | ND                                                                                               | ND     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 127                                                                                              | 127    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2                                                                                               | <2     | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 6,7                                                                                              | 6,7    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1                                                                                               | <1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1                                                                                               | <1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | 0,69                                                                                             | 0,69   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3                                                                                               | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0                                                                                                | 0      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      |                                                                                                   |                                                                                                  |        |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                                                                                                  |        |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | <0,03                                                                                            | <0,03  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | <0,03                                                                                            | <0,03  | 0                          | 100%                | 1                        | 1          | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   |                                                                                                   | <0,03                                                                                            | <0,03  | 0                          | 100%                | 1                        | 1          | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                                                                                                  |        |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---                                                                                              | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM NÚCLEOS RURAIS NO CONCELHO DE PALMELA     |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 3                        | 3          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,2             | 0,5     | 0                          | 100%                | 3                        | 3          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | ND              | ND      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 242             | 242     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 6,5             | 6,5     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | <0,3            | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               | ---                                                                                               | ---             | ---     | ---                        | ---                 | ---                      | ---        | ---                   |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | ---                      | ---        | ---                   |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM PALMELA NO CONCELHO DE PALMELA |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).                                                                                                                                                  |                                                                                                   |                                                                                        |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                                                                                                                                                                               | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos                                                                        |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | Mínimo                                                                                 | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                                                                 | 0                                                                                      | 0       | 0                          | 100%                | 7                        | 7          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                                                                                                 | 0                                                                                      | 0       | 0                          | 100%                | 7                        | 7          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | ---                                                                                               | 0,4                                                                                    | 0,5     | 0                          | 100%                | 7                        | 7          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | Sem alteração anormal                                                                             | ND                                                                                     | ND      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                                                                                                                                                                       | 2500                                                                                              | 278                                                                                    | 278     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20                                                                                                | <2                                                                                     | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                                                                                                                                                                   | ≥6,5 e ≤9                                                                                         | 6,2                                                                                    | 6,2     | 1                          | 0%                  | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                                                                                                                                                                                | 50                                                                                                | 28                                                                                     | 28      | 0                          | 100%                | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                                                                                                                                                                                | 0,5                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1                                                                                     | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                                                                                                 | <1                                                                                     | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                 | <0,3                                                                                   | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                                                                                                                                                                               | 10                                                                                                | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                                                                                                                                                                   | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10                                                                                                | <3                                                                                     | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                                                                                                | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                                                                                                                                                                          | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                                                                                 | 0                                                                                      | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,5                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Merúrio (µg/L Hg)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                                                                                | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    | sem alteração anormal                                                                             | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                                                                                                                                                                                | 250                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                                                                                                                                                                       | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                                                                | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                                 | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                   |                                                                                        |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,01                                                                                              | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 0,5                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dimetenamida-P (µg/l)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                                                                                                                                                                               | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                                                                                                                                                                          | ---                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03                                                                                  | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0,1                                                                                               | <0,03                                                                                  | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,03                                                                                  | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,0300                                                                                | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                                                                                        |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---                                                                                    | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH é reflexo das características hidrogeológicas da água. A CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 são registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano. |                                                                                                   |                                                                                        |         |                            |                     |                          |            |                       |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM PINHAL NOVO NO CONCELHO DE PALMELA |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).                                                                                                                                                  |                                                                                                   |                                                                                            |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                                                                                                                                                                               | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos                                                                            |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | Mínimo                                                                                     | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                                                                 | 0                                                                                          | 0       | 0                          | 100%                | 12                       | 12         | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                                                                                                 | 0                                                                                          | 0       | 0                          | 100%                | 12                       | 12         | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | —                                                                                                 | 0,4                                                                                        | 0,7     | 0                          | 100%                | 12                       | 12         | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200                                                                                               | <50                                                                                        | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,5                                                                                               | 0,02                                                                                       | 0,02    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | Sem alteração anormal                                                                             | ND                                                                                         | ND      | 0                          | 100%                | 5                        | 5          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                                                                                                                                                                       | 2500                                                                                              | 141                                                                                        | 564     | 0                          | 100%                | 5                        | 5          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                                                                                                                                                                  | 0                                                                                                 | 0                                                                                          | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20                                                                                                | <2                                                                                         | <2      | 0                          | 100%                | 5                        | 5          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                                                                                                                                                                   | ≥6,5 e ≤9                                                                                         | 6                                                                                          | 7,5     | 3                          | 40%                 | 5                        | 5          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | <50                                                                                        | <50     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | <15                                                                                        | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                                                                                                                                                                                | 50                                                                                                | <10                                                                                        | <10     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                                                                                                                                                                                | 0,5                                                                                               | <0,020                                                                                     | <0,020  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                                 | <1,5                                                                                       | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1                                                                                         | <1      | 0                          | 100%                | 5                        | 5          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                                                                                                 | <1                                                                                         | <1      | 0                          | 100%                | 5                        | 5          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                 | <0,30                                                                                      | 1,8     | 0                          | 100%                | 5                        | 5          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                                                                                                 | <1,5                                                                                       | <1,5    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                 | <0,15                                                                                      | <0,15   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                                                                                                                                                                               | 10                                                                                                | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5                                                                                                 | <1                                                                                         | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                                                                                                                                                                   | —                                                                                                 | 45,4                                                                                       | 45,4    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10                                                                                                | <3                                                                                         | <3      | 0                          | 100%                | 5                        | 5          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                | <15                                                                                        | <15     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                 | <0,02                                                                                      | <0,02   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                                                                                                | <2                                                                                         | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                 | 150                                                                                        | 150     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                                                                                 | 0                                                                                          | 0       | 0                          | 100%                | 5                        | 5          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,5                                                                                               | 0,2                                                                                        | 0,2     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | —                                                                                                 | 10                                                                                         | 10      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                                 | <0,2                                                                                       | <0,2    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                                                                                | <5                                                                                         | <5      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10                                                                                                | <1                                                                                         | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    | sem alteração anormal                                                                             | 3,1                                                                                        | 3,1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | <0,005                                                                                     | <0,005  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,7                                                                                               | 0,194                                                                                      | 0,194   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250                                                                                               | 48                                                                                         | 48      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200                                                                                               | 43                                                                                         | 43      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                                                                                                                                                                                | 250                                                                                               | 52                                                                                         | 52      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                                                                                            |         |                            |                     |                          |            |                       |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                                                                | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                 | <0,3                                                                                       | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                | —                                                                                                 | <0,3                                                                                       | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                           | —                                                                                                 | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                                 | <0,3                                                                                       | <0,3    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                                                                                               | <3                                                                                         | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| HAP                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                   |                                                                                            |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,01                                                                                              | <0,003                                                                                     | <0,003  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | —                                                                                                 | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                         | —                                                                                                 | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                 | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | —                                                                                                 | <0,010                                                                                     | <0,010  | 0                          | 100%                | 1                        | 1          | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                          | 0,5                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,1                                                                                               | —                                                                                          | —       | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                   | —                                                                                          | —       | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                   | <0,03                                                                                      | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                   | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                            | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,0300                                                                                    | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | <0,0300                                                                                    | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,1                                                                                               | <0,03                                                                                      | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                                                                                            |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | <0,1                                                                                       | <0,1    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500                                                                                               | <10                                                                                        | <10     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,04                                                                                      | <0,04   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH é reflexo das características hidrogeológicas da água. A CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 são registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano. |                                                                                                   |                                                                                            |         |                            |                     |                          |            |                       |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM QUINTA DO ANJO NO CONCELHO DE PALMELA     |                 |         |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|---------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                 |         |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |         | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo          | Máximo  |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 6                        | 6          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 6                        | 6          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,3             | 0,6     | 0                          | 100%                | 6                        | 6          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | ND              | ND      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 176             | 231     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2              | <2      | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 6,5             | 6,8     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1              | <1      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | <0,3            | 0,95    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3              | <3      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0               | 0       | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | <0,03           | <0,03   | ---                        | 100%                | 1                        | 1          | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | <0,0300         | <0,0300 | 0                          | 100%                | 1                        | 1          | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | <0,03           | <0,03   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                 |         |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---             | ---     | ---                        | ---                 | 0                        | ---        | 100%                  |

| CÂMARA MUNICIPAL DE PALMELA                                                                                                                                                                                                                                                                       | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>EM VILA AMÉLIA NO CONCELHO DE PALMELA        |                 |        |                            |                     | 2º TRIMESTRE 2025        |            |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|--------|----------------------------|---------------------|--------------------------|------------|-----------------------|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). |                                                                                                   |                 |        |                            |                     | 1 de abril a 30 de junho |            |                       |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017) | Valores obtidos |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA)      |            | % Análises Realizadas |
|                                                                                                                                                                                                                                                                                                   |                                                                                                   | Mínimo          | Máximo |                            |                     | Agendadas                | Realizadas |                       |
| Escherichia coli (N/100 ml)                                                                                                                                                                                                                                                                       | 0                                                                                                 | 0               | 0      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                                                                                 | 0               | 0      | 0                          | 100%                | 2                        | 2          | 100%                  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | 0,4             | 0,4    | 0                          | 100%                | 2                        | 2          | 100%                  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Azoto Amoniacal (mg/L NH4)                                                                                                                                                                                                                                                                        | 0,5                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Número de colónias a 22 ºC (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                                                                             | ND              | ND     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Condutividade (µS/cm a 20ºC)                                                                                                                                                                                                                                                                      | 2500                                                                                              | 236             | 236    | 0                          | 100%                | 1                        | 1          | 100%                  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                                                                                | <2              | <2     | 0                          | 100%                | 1                        | 1          | 100%                  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                                                                         | 6,6             | 6,6    | 1                          | 0%                  | 1                        | 1          | 100%                  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitratos (mg/L NO3)                                                                                                                                                                                                                                                                               | 50                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Nitritos (mg/L NO2)                                                                                                                                                                                                                                                                               | 0,5                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Oxidabilidade (mg/L O2)                                                                                                                                                                                                                                                                           | 5                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cheiro a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                                                                                 | <1              | <1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Sabor a 25ºC (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                                                                                 | <1              | <1     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                                                                                 | 0,66            | 0,66   | 0                          | 100%                | 1                        | 1          | 100%                  |
| Antimónio (µg/L Sb)                                                                                                                                                                                                                                                                               | 5                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Arsénio (µg/L As)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Boro (mg/L B)                                                                                                                                                                                                                                                                                     | 1                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromatos (µg/L BrO3)                                                                                                                                                                                                                                                                              | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cádmio (µg/L Cd)                                                                                                                                                                                                                                                                                  | 5                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                                                                                | <3              | <3     | 0                          | 100%                | 1                        | 1          | 100%                  |
| Cianetos (µg/L CN)                                                                                                                                                                                                                                                                                | 50                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cobre (mg/L Cu)                                                                                                                                                                                                                                                                                   | 2                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dureza total (mg/L CaCO3)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Enterococos (N/100 mL)                                                                                                                                                                                                                                                                            | 0                                                                                                 | 0               | 0      | 0                          | 100%                | 1                        | 1          | 100%                  |
| Fluoretos (mg/L F)                                                                                                                                                                                                                                                                                | 1,5                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Mercurio (µg/L Hg)                                                                                                                                                                                                                                                                                | 1                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Selénio (µg/L Se)                                                                                                                                                                                                                                                                                 | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Potássio (mg/l)                                                                                                                                                                                                                                                                                   | sem alteração anormal                                                                             | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloritos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloratos (mg/L Cl)                                                                                                                                                                                                                                                                                | 0,7                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Cloretos (mg/L Cl)                                                                                                                                                                                                                                                                                | 250                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sódio (mg/L Na)                                                                                                                                                                                                                                                                                   | 200                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Sulfatos (mg/L SO4)                                                                                                                                                                                                                                                                               | 250                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Compostos Orgânicos voláteis                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno e Tricloroeteno (µg/L):                                                                                                                                                                                                                                                           | 10                                                                                                | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzeno (µg/L)                                                                                                                                                                                                                                                                                    | 1                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tetracloroeteno(µg/L)                                                                                                                                                                                                                                                                             | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Tricloroeteno(µg/L)                                                                                                                                                                                                                                                                               | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromofórmio(µg/L)                                                                                                                                                                                                                                                                                 | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bromodiclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dibromoclorometano(µg/L)                                                                                                                                                                                                                                                                          | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| 1,2 – dicloroetano (µg/L)                                                                                                                                                                                                                                                                         | 3                                                                                                 | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Trihalometanos - total (µg/L):                                                                                                                                                                                                                                                                    | 100                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| HAP                                                                                                                                                                                                                                                                                               |                                                                                                   |                 |        |                            |                     |                          |            |                       |
| Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,01                                                                                              | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                                                                                                                                                                                                                                                        | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Benzo(ghi)perileno (µg/L)                                                                                                                                                                                                                                                                         | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Indeno(1,2,3-cd)pireno(µg/L)                                                                                                                                                                                                                                                                      | ---                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Pesticidas – total (µg/L)                                                                                                                                                                                                                                                                         | 0,5                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Dimetenamida-P (ug/l)                                                                                                                                                                                                                                                                             | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| M656PH051(ug/l)                                                                                                                                                                                                                                                                                   |                                                                                                   | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| AMPA                                                                                                                                                                                                                                                                                              |                                                                                                   | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Glifosato                                                                                                                                                                                                                                                                                         |                                                                                                   | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Diurão (µg/L)                                                                                                                                                                                                                                                                                     | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metalaxil (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Simazina (µg/L)                                                                                                                                                                                                                                                                                   | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-simazina (µg/L)                                                                                                                                                                                                                                                                           | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Desetil-terbutilazina (µg/L)                                                                                                                                                                                                                                                                      | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Bentazona (µg/L)                                                                                                                                                                                                                                                                                  | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Terbutilazina (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Clorpirifos (µg/L)                                                                                                                                                                                                                                                                                | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Imidaclopride (µg/L)                                                                                                                                                                                                                                                                              | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radiológicos                                                                                                                                                                                                                                                                                      |                                                                                                   |                 |        |                            |                     |                          |            |                       |
| Dose Indicativa total (mSv/yr)                                                                                                                                                                                                                                                                    | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Radão (Bq/L)                                                                                                                                                                                                                                                                                      | 500                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |
| Alfa total (Bq/L)                                                                                                                                                                                                                                                                                 | 0,1                                                                                               | ---             | ---    | ---                        | ---                 | 0                        | ---        | 100%                  |