

| CÂMARA MUNICIPAL DE PALMELA | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO EM LAGOINHA NO CONCELHO DE PALMELA | | | | | 1º 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 janeiro a 31 de março | | |
| 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 °C (N/ml) | Sem alteração anormal | 71 | 71 | 0 | 100% | 1 | 1 | 100% |
| Condutividade (µS/cm a 20°C) | 2500 | 139 | 139 | 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 | 6,3 | 6,3 | 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 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 | 1,34 | 1,34 | 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): | --- | --- | --- | --- | --- | --- | --- | --- |
| 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% |
| 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% |

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.