Edital

N.º 92/DAFRH-DAAG/2021

CONTROLO DE QUALIDADE DA ÁGUA PARA CONSUMO HUMANO (REDE EM BAIXA)
4º TRIMESTRE DE 2020

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

Torna público, nos termos do n.º 2, do artigo 17.º, do Decreto-Lei nº 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº 152/2017, de 7 de dezembro, 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; Golf do Montado; Lagoinha; Marquesas; Núcleos Rurais; Palmela; Pinhal Novo; Quinta do Anjo/Cabanas; Vila Amélia) das análises de demonstração de conformidade, obtidos 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 e outros de igual teor que vão ser afixados nos lugares públicos do costume.

Palmela, 25 de março de 2021.

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE ÁGUAS DE MOURA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,5	0,6	0	100%	3	3	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	15	15	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	5	5	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,8	6,8	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	160	160	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---

Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---

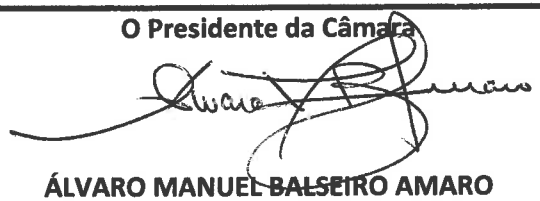
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: ÁGUAS DE MOURA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CMPalmela)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE ALDEIA NOVA DA AROEIRA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,4	0,4	0	100%	2	2	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	10	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	2	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	5,6	5,6	1	0%	1	1	100%
Nitratos[2] (mg/L NO_3)	50	14	14	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	266	266	0	100%	1	1	100%
Turvação (NTU)	4	<0,5	<0,5	0	100%	1	1	100%
Cloretos (mg/L Cl)	250	65	65	0	100%	1	1	100%
Azoto Amoniacal (mg/L NH_4)	0,50	<0,05	<0,05	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Níquel (µg/L Ni)	20	<5	<5	1	0%	1	1	100%
Ferro (µg/L Fe)	200	<50	<50	0	100%	1	1	100%
Manganês (µg/L Mn)	50	<10	<10	0	100%	1	1	100%
Oxidabilidade (mg/L O_2)	5	<0,5	<0,5	0	100%	1	1	100%
Bromatos (µg/L BrO_3)	10	<5	<5	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%

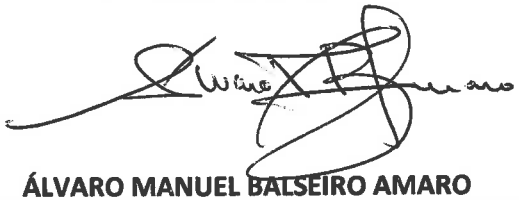
Sabor a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	0,16	0,16	0	100%	1	1	100%
Chumbo (µg/L Pb)	10	5,3	5,3	0	100%	1	1	100%
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Clorpirifos (µg/L)	-	<0,03	<0,03	0	100%	1	1	100%
Metalaxil (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Alacloro (µg/L)	-	<0,05	<0,05	0	100%	1	1	100%
Diurão (µg/L)	-	<0,05	<0,05	0	100%	1	1	100%
Desetil-terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Pesticidas – total (µg/L)	0,50	<0,05	<0,05	0	100%	1	1	100%
Simazina (µg/L)	-	<0,05	<0,05	0	100%	1	1	100%
Desetilsimazina (µg/L)	-	<0,05	<0,05	0	100%	1	1	100%
Terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Imidaclopride (µg/L)	-	<0,05	<0,05	0	100%	1	1	100%
Radiológicos								
Alpha total (Bq/L)	0,1	<0,04	<0,04	0	100%	1	1	100%
Beta total (Bq/L)	1	0,156	0,156	0	100%	1	1	100%
Dose indicativa total (mSv/yr)	0,1	<0,10	<0,10	0	100%	1	1	100%
Radão (Bq/L)	500	<10	<10	0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: ALDEIA NOVA DA AROEIRA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CMPalmela)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE ASSEICEIRA-FORNINHO DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,2	0,3	0	100%	2	2	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	N/D	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	N/D	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,3	6,3	1	0%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	223	223	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	1,1	1,1	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---

Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---

Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
bonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: ASSEICEIRA / FORNINHO

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE BISCAIA / BREJOS DO ASSA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,5	0,6	0	100%	6	6	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	2	2	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	2	2	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	17	0	100%	2	2	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	18	0	100%	2	2	100%
pH (Unidades pH)	≥6,5 e ≤9	7,3	7,6	0	100%	2	2	100%
Condutividade (µS/cm a 20ºC)	2500	228	230	0	100%	2	2	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	2	2	100%
Turvação (NTU)	4	<0,7	0,9	0	100%	2	2	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	2	2	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	2	2	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---

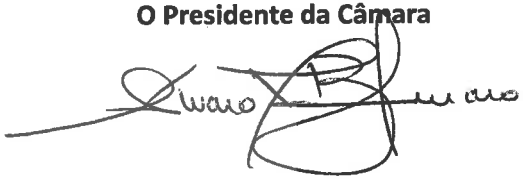
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---

Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
rocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: BISCAIA/BREJOS DO ASSA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE BISCAIA / BREJOS DO ASSA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,5	0,6	0	100%	6	6	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	2	2	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	2	2	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	17	0	100%	2	2	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	18	0	100%	2	2	100%
pH (Unidades pH)	≥6,5 e ≤9	7,3	7,6	0	100%	2	2	100%
Condutividade (µS/cm a 20ºC)	2500	228	230	0	100%	2	2	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	2	2	100%
Turvação (NTU)	4	<0,7	0,9	0	100%	2	2	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	2	2	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	2	2	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---

Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---

Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
rocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: BISCAIA/BREJOS DO ASSA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE CAJADOS DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	0,5	0	100%	2	2	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	5	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	10	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,6	6,6	0	100%	1	1	100%
Cianetos (µg/L CN)	50	<1	<1	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	<1	<1	0	100%	1	1	100%
Alumínio (µg/L Al)	200	<50	<50	0	100%	1	1	100%
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%
Crómio (µg/L Cr)	50	<1	<1	0	100%	1	1	100%
Mercúrio (µg/L Hg)	1	<0,20	<0,20	0	100%	1	1	100%
Arsénio (µg/L As)	10	5	5	0	100%	1	1	100%
Boro (mg/L B)	1,0	<0,2	<0,2	0	100%	1	1	100%
Fluoretos (mg/L F)	1,5	<0,40	<0,40	0	100%	1	1	100%
Nitratos^{2} (mg/L NO_3)	50	8	8	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	200	200	0	100%	1	1	100%
Manganês (µg/L Mn)	50	<10	<10	0	100%	1	1	100%
Oxidabilidade (mg/L O_2)	5	<0,5	<0,5	0	100%	1	1	100%

Cloretos (mg/L Cl)	250	31	31	0	100%	1	1	100%
Nitritos (mg/L NO_2)	0,5	<0,02	<0,02	0	100%	1	1	100%
Azoto Amoniacal (mg/L NH_4)	0,50	<0,05	<0,05	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	5	5	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	9	9	0	100%	1	1	100%
Sódio (mg/L Na)	200	27	27	0	100%	1	1	100%
Sulfatos (mg/L SO_4)	250	15	15	0	100%	1	1	100%
Ferro (µg/L Fe)	200	<50	<50	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Bromatos (µg/L BrO_3)	10	<5	<5	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Dureza total (mg/L CaCO3)	---	43	43	0	100%	1	1	100%
Cádmio (µg/L Cd)	5,0	<0,4	<0,4	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	<0,01	<0,01	0	100%	1	1	100%
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%
Selénio (µg/L Se)	10	<2	<2	0	100%	1	1	100%
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Clorpirifos (µg/L)	---	<0,03	<0,03	0	100%	1	1	100%
Metalaxil (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Alacloro (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
Diurão (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
Desetil-terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Imidaclopride (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
Pesticidas – total (µg/L)	0,50	<0,05	<0,05	0	100%	1	1	100%
Simazina (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
Desetil-simazina (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
COV								
Benzeno (µg/L)	1,0	<0,2	<0,2	0	100%	1	1	100%
1,2 – dicloroetano (µg/L)	3,0	<0,750	<0,750	0	100%	1	1	100%
Clorofórmio(µg/L)	---	<0,10	<0,10	0	100%	1	1	100%

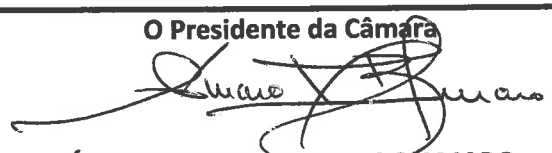
Bromodiclorometano(µg/L)	---	<0,1	<0,1	0	100%	1	1	100%
Dibromoclorometano(µg/L)	---	<0,10	<0,10	0	100%	1	1	100%
Bromofórmio(µg/L)	---	0,84	0,84	0	100%	1	1	100%
Tricloroeteno(µg/L)	---	<0,10	<0,10	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	0,84	0,84	0	100%	1	1	100%
Tetracloroeteno(µg/L)	---	<0,20	<0,20	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno (µg/L):	10	<0,5	<0,5	0	100%	1	1	100%
HAP								
Benzo(b)fluoranteno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	<0,005	<0,005	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	<0,010	<0,010	0	100%	1	1	100%
bonetos Aromáticos Policíclicos (µg/L):	0,10	<0,020	<0,020	0	100%	1	1	100%
Radiológicos								
Alpha total (Bq/L)	0,10	<0,04	<0,04	0	100%	1	1	100%
Beta total (Bq/L)	1,00	0,113	0,113	0	100%	1	1	100%
Dose Indicativa total (mSv/yr)	0,10	<0,10	<0,10	0	100%	1	1	100%
Radão (Bq/L)	500,00	<10	<10	0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: CAJADOS

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO CARRASCAS DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,3	0,8	0	100%	3	3	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	2	12	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	5	10	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,6	7,6	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	457	457	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---

Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---

Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
bonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: CARRASCAS

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO: CARREGUEIRA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,5	0,5	0	100%	2	2	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	3	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	8	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,3	6,3	1	0%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	217	217	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---

Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---

Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
arbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: CARREGUEIRA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO FERNANDO PÓ DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,2	0,4	0	100%	2	2	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	3	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	3	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	5,8	5,8	1	0%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	176	176	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---

Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---

Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
carbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: FERNANDO PÓ

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO: GÂMBIA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,4	0,7	0	100%	2	2	100%
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%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	3	12	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	3	12	0	100%	1	1	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,1	6,1	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	184	184	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	<0,05	<0,05	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	<10	<10	0	100%	1	1	100%
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---

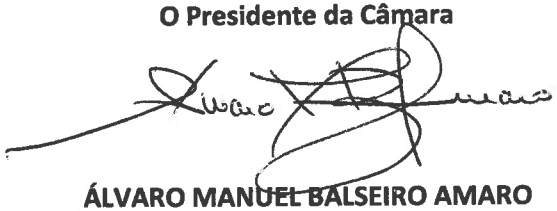
Oxidabilidade (mg/L O_2)	5	<5	<5	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	0,093	0,093	0	100%	1	1	100%
Crómio (µg/L Cr)	50	<10	<10	0	100%	1	1	100%
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---

Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Radão (Bq/L)	500,00	---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Beta total (Bq/L)	1,00	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---
		---	---	---	---	---	---	---
Diurão (µg/L)	0,10	---	---	---	---	---	---	---
Metalaxil (µg/L)	0,10	---	---	---	---	---	---	---
Imidaclopride (µg/L)	0,10	---	---	---	---	---	---	---
Simazina (µg/L)	0,10	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	0,10	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Dose Indicativa (mSv/ano)	0,1	---	---	---	---	---	---	---
Alpha total (Bq/L)	0,1	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: GÂMBIA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CMPalmela)

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO LAGOÍNHA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,3	0,7	0	100%	3	3	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	N/D	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	N/D	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,2	6,2	1	0%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	117	117	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---

Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---

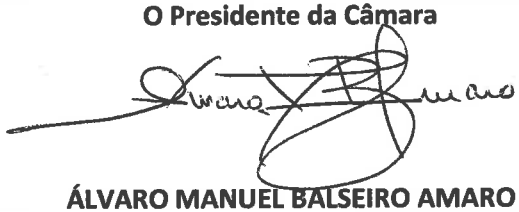
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
arbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: LAGOINHA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CMPalmela)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO MARQUESAS DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,3	0,6	0	100%	3	3	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	2	2	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	N/D	0	100%	2	2	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	N/D	0	100%	2	2	100%
pH (Unidades pH)	≥6,5 e ≤9	6,8	6,9	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	109	110	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	<1	<1	0	100%	1	1	100%
Arsénio (µg/L As)	10	<2	<2	0	100%	1	1	100%
Nitratos[2] (mg/L NO_3)	50	4	4	0	100%	1	1	100%
Azoto Amoniacal (mg/L NH_4)	0,50	<0,05	<0,05	0	100%	1	1	100%
Nitritos (mg/L NO_2)	0,5	<0,02	<0,02	0	100%	1	1	100%
Boro (mg/L B)	1,0	<0,2	<0,2	0	100%	1	1	100%
Cianetos (µg/L CN)	50	<10	<10	0	100%	1	1	100%
Crómio (µg/L Cr)	50	<10	<10	0	100%	1	1	100%

Oxidabilidade (mg/L O_2)	5	0,7	0,7	0	100%	1	1	100%
Manganês (µg/L Mn)	50	<10	<10	0	100%	1	1	100%
Mercúrio (µg/L Hg)	1	<0,020	<0,020	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	5	5	0	100%	1	1	100%
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	<2	<2	0	100%	1	1	100%
Alumínio (µg/L Al)	200	<50	<50	0	100%	1	1	100%
Ferro (µg/L Fe)	200	<50	<50	0	100%	1	1	100%
Fluoretos (mg/L F)	1,5	<0,40	<0,40	0	100%	1	1	100%
Cloretos (mg/L Cl)	250	22	22	0	100%	1	1	100%
Cádmio (µg/L Cd)	5,0	<0,40	<0,40	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	0,037	0,037	0	100%	1	1	100%
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%
Sódio (mg/L Na)	200	16	16	0	100%	1	1	100%
Bromatos (µg/L BrO_3)	10	<3	<3	0	100%	1	1	100%
Sulfatos (mg/L SO_4)	250	<4	<4	0	100%	1	1	100%
Dureza total (mg/L CaCO3)	---	19	19	0	100%	1	1	100%
Selénio (µg/L Se)	10	<2	<2	0	100%	1	1	100%
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Alacloro (µg/L)	0,10	<0,050	<0,050	0	100%	1	1	100%
Clorpirifos (µg/L)	---	<0,03	<0,03	0	100%	1	1	100%
Desetil-terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Diurão (µg/L)	---	<0,050	<0,050	0	100%	1	1	100%
Imidaclopride (µg/L)	---	<0,050	<0,050	0	100%	1	1	100%
Metalaxil (µq/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Pesticidas – total (µg/L)	0,50	<0,05	<0,05	0	100%	1	1	100%
Desetil-simazina (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
Simazina (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
COV				0	100%	1	1	100%
1,2 – dicloroetano (µg/L)	3,0	<0,750	<0,750	0	100%	1	1	100%
Benzeno (µg/L)	1,0	<0,2	<0,2	0	100%	1	1	100%
Bromodiclorometano(µg/L)	---	0,17	0,17	0	100%	1	1	100%
Bromofórmio(µg/L)	---	1,07	1,07	0	100%	1	1	100%

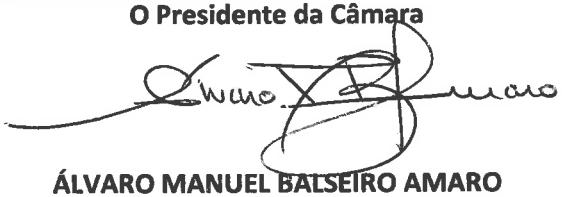
Clorofórmio(µg/L)	---	0,13	0,13	0	100%	1	1	100%
Dibromoclorometano(µg/L)	---	0,55	0,55	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno (µg/L):	10	<0,2	<0,2	0	100%	1	1	100%
Tricloroeteno(µg/L)	---	<0,1	<0,1	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	1,92	1,92	0	100%	1	1	100%
Tetracloroeteno(µg/L)	---	<0,2	<0,2	0	100%	1	1	100%
HAP		<0,020	<0,020	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	<0,005	<0,005	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	<0,02	<0,02	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	<0,010	<0,010	0	100%	1	1	100%
arbonetos Aromáticos Policíclicos (µg/L):	0,10	<0,010	<0,010	0	100%	1	1	100%
Radiológicos								
Alpha total (Bq/L)	0,10	<0,04	<0,04	0	100%	1	1	100%
Beta total (Bq/L)	1,00							
Dose Indicativa total (mSv/yr)	0,10	<0,10	<0,10	0	100%	1	1	100%
Radão (Bq/L)	500,00	<10	<10	0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: MARQUESAS

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO GOLFE DO MONTADO DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,4	0,5	0	100%	3	3	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	2	3	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	3	6	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,6	6,6	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	167	167	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	<0.7	<0,7	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---

Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---

Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
rbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: GOLFE DO MONTADO

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO: NÚCLEOS RURAIS DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,2	0,4	0	100%	3	3	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	4	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	6	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	8,4	8,4	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	272	272	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
Turvação (NTU)	4	<0.7	<0,7	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---

Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---

Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
Somatório Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: NÚCLEOS RURAIS

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO: PALMELA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,5	0,7	0	100%	6	6	100%
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%
Enterococos (N/100 mL)	0	0	0	0	100%	5	5	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	5	5	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	25	0	100%	5	5	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	15	0	100%	5	5	100%
pH (Unidades pH)	≥6,5 e ≤9	7,2	7,8	1	80%	5	5	100%
Condutividade (µS/cm a 20ºC)	2500	434	459	0	100%	5	5	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	5	5	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	5	5	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	5	5	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	5	5	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	---	---	---
Azoto Amoniacal (mg/L NH_4)	0,50	---	---	---	---	---	---	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O_2)	5	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---

Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	---	---	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	---	---	---	---	---	---	---	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	---	---	---	---	---	---	---	---
Imidaclopride (µg/L)	---	---	---	---	---	---	---	---
Metalaxil (µq/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	---	---	---	---	---	---	---	---
Simazina (µg/L)	---	---	---	---	---	---	---	---
COV		---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---

Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tricloroeteno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Tetracloroeteno(µg/L)	---	---	---	---	---	---	---	---
HAP		---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
bonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Radiológicos		---	---	---	---	---	---	---
Alpha total (Bq/L)	0,10	---	---	---	---	---	---	---
Dose Indicativa total (mSv/yr)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: PALMELA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CMPalmela)

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO: PINHAL NOVO DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	
Desinfetante residual (mg/L)	---	0,2	0,8	0	100%	15	15	100%
Escherichia coli (N/100 ml)	0	0	0	0	100%	15	15	100%
Bactérias coliformes (N/100 ml)	0	0	5	1	93%	15	15	100%
Enterococos (N/100 mL)	0	0	0	0	100%	4	4	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	35	0	100%	4	4	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	19	0	100%	4	4	100%
pH (Unidades pH)	≥6,5 e ≤9	6,6	7,5	0	100%	4	4	100%
Condutividade (µS/cm a 20ºC)	2500	484	512	0	100%	4	4	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	4	4	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	4	4	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	4	4	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	4	4	100%
Antimónio (µg/L Sb)	5	<1	<1	0	100%	1	1	100%
Arsénio (µg/L As)	10	<2	<2	0	100%	1	1	100%
Nitratos (mg/L NO_3)	50	4	4	0	100%	1	1	100%
Azoto Amoniacal (mg/L NH_4)	0,50	<0,05	<0,05	0	100%	1	1	100%
Nitritos (mg/L NO_2)	0,5	<0,02	<0,02	0	100%	1	1	100%
Boro (mg/L B)	1,0	<0,2	<0,2	0	100%	1	1	100%
Cianetos (µg/L CN)	50	<10	<10	0	100%	1	1	100%
Crómio (µg/L Cr)	50	<10	<10	0	100%	1	1	100%

Oxidabilidade (mg/L O_2)	5	<0,5	<0,5	0	100%	1	1	100%
Manganês (µg/L Mn)	50	<10	<10	0	100%	1	1	100%
Mercúrio (µg/L Hg)	1	<0,20	<0,20	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	32	32	0	100%	1	1	100%
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	13	13	0	100%	1	1	100%
Alumínio (µg/L Al)	200	<50	<50	0	100%	1	1	100%
Ferro (µg/L Fe)	200	54	54	0	100%	1	1	100%
Fluoretos (mg/L F)	1,5	<0,40	<0,40	0	100%	1	1	100%
Cloretos (mg/L Cl)	250	66	66	0	100%	1	1	100%
Cádmio (µg/L Cd)	5,0	<0,40	<0,40	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	<0,010	<0,010	0	100%	1	1	100%
Chumbo (µg/L Pb)	10	16	16	1	0%	1	1	100%
Sódio (mg/L Na)	200	69	69	0	100%	1	1	100%
Bromatos (µg/L BrO_3)	10	<3	<3	0	100%	1	1	100%
Sulfatos (mg/L SO_4)	250	16	16	0	100%	1	1	100%
Dureza total (mg/L CaCO3)	---	130	130	0	100%	1	1	100%
Selénio (µg/L Se)	10	<2	2	0	100%	1	1	100%
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Alacloro (µg/L)	0,10	<0,050	<0,050	0	100%	1	1	100%
Clorpirifos (µg/L)	---	<0,03	<0,03	0	100%	1	1	100%
Desetil-terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Diurão (µg/L)	---	<0,050	<0,050	0	100%	1	1	100%
Imidaclopride (µg/L)	---	<0,050	<0,050	0	100%	1	1	100%
Metalaxil (µq/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Pesticidas – total (µg/L)	0,50	<0,05	<0,05	0	100%	1	1	100%
Desetil-simazina (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
Simazina (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
COV				0	100%	1	1	100%
1,2 – dicloroetano (µg/L)	3,0	<0,750	<0,750	0	100%	1	1	100%
Benzeno (µg/L)	1,0	<0,2	<0,2	0	100%	1	1	100%
Bromodiclorometano(µg/L)	---	0,27	0,27	0	100%	1	1	100%

Bromofórmio(µg/L)	---	1,47	1,47	0	100%	1	1	100%
Clorofórmio(µg/L)	---	0,24	0,24	0	100%	1	1	100%
Dibromoclorometano(µg/L)	---	1,12	1,12	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno (µg/L):	10	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno(µg/L)	---	<0,10	<0,10	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	3,1	3,1	0	100%	1	1	100%
Tetracloroeteno(µg/L)	---	<0,20	<0,20	0	100%	1	1	100%
HAP				0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	<0,005	<0,005	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	<0,010	<0,010	0	100%	1	1	100%
bonetos Aromáticos Policíclicos (µg/L):	0,10	<0,020	<0,020	0	100%	1	1	100%
Radiológicos								
Alpha total (Bq/L)	0,10	<0,04	<0,04	0	100%	1	1	100%
Beta total (Bq/L)	1,00							
Dose Indicativa total (mSv/yr)	0,10	<0,10	<0,10	0	100%	1	1	100%
Radão (Bq/L)	500,00							

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO: QUINTA DO ANJO / CABANAS DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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)	---	0,4	0,5	0	---	6	6	100%
Enterococos (N/100 mL)	0	0	0	0	100%	6	6	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	18	0	100%	6	6	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	N/D	0	100%	6	6	100%
pH (Unidades pH)	≥6,5 e ≤9	6,3	6,8	3	50%	6	6	100%
Condutividade (µS/cm a 20ºC)	2500	144	211	0	100%	6	6	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	6	6	100%
Turvação (NTU)	4	<0,7	4	0	100%	6	6	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	6	6	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	6	6	100%
Antimónio (µg/L Sb)	5	<1	<1	0	100%	1	1	100%
Arsénio (µg/L As)	10	<2	<2	0	100%	1	1	100%
Nitratos (mg/L NO_3)	50	16	16	0	100%	1	1	100%
Azoto Amoniacal (mg/L NH_4)	0,50	<0,05	<0,05	0	100%	1	1	100%
Nitritos (mg/L NO_2)	0,5	<0,02	<0,02	0	100%	1	1	100%
Boro (mg/L B)	1,0	<0,2	<0,2	0	100%	1	1	100%
Cianetos (µg/L CN)	50	<10	<10	0	100%	1	1	100%

Crómio (µg/L Cr)	50	<1	<1	0	100%	1	1	100%
Oxidabilidade (mg/L O_2)	5	<0,5	<0,5	0	100%	1	1	100%
Manganês (µg/L Mn)	50	<10	<10	0	100%	1	1	100%
Mercúrio (µg/L Hg)	1	<0,020	<0,020	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	9	9	0	100%	1	1	100%
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	3	3	0	100%	1	1	100%
Alumínio (µg/L Al)	200	<50	<50	0	100%	1	1	100%
Ferro (µg/L Fe)	200	270	270	1	0%	1	1	100%
Fluoretos (mg/L F)	1,5	<0,4	<0,4	0	100%	1	1	100%
Cloretos (mg/L Cl)	250	24	24	0	100%	1	1	100%
Cádmio (µg/L Cd)	5,0	<0,4	<0,4	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	0,014	0,014	0	100%	1	1	100%
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%
Sódio (mg/L Na)	200	18	18	0	100%	1	1	100%
Bromatos (µg/L BrO_3)	10	<5	<5	0	100%	1	1	100%
Sulfatos (mg/L SO_4)	250	4	4	0	100%	1	1	100%
Dureza total (mg/L CaCO3)	---	34	34	0	100%	1	1	100%
Selénio (µg/L Se)	10	<2	<2	0	100%	1	1	100%
Pesticidas								
Bentazona (µg/L)	0,10	<0,03	<0,03	0	100%	1	1	100%
Alacloro (µg/L)	0,10	<0,050	<0,050	0	100%	1	1	100%
Clorpirifos (µg/L)	---	<0,03	<0,03	0	100%	1	1	100%
Desetil-terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Diurão (µg/L)	---	<0,050	<0,050	0	100%	1	1	100%
Imidaclopride (µg/L)	---	<0,050	<0,050	0	100%	1	1	100%
Metalaxil (µq/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Terbutilazina (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Pesticidas – total (µg/L)	0,50	<0,05	<0,05	0	100%	1	1	100%
Desetil-simazina (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
Simazina (µg/L)	---	<0,05	<0,05	0	100%	1	1	100%
COV				0	100%	1	1	100%
1,2 – dicloroetano (µg/L)	3,0	<0,750	<0,750	0	100%	1	1	100%
Benzeno (µg/L)	1,0	<0,20	<0,20	0	100%	1	1	100%

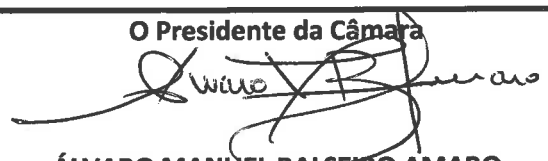
Bromodiclorometano(µg/L)	---	0,73	0,73	0	100%	1	1	100%
Bromofórmio(µg/L)	---	1,77	1,77	0	100%	1	1	100%
Clorofórmio(µg/L)	---	0,38	0,38	0	100%	1	1	100%
Dibromoclorometano(µg/L)	---	1,76	1,76	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno (µg/L):	10	<0,5	<0,5	0	100%	1	1	100%
Tricloroeteno(µg/L)	---	<0,10	<0,10	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	4,64	4,64	0	100%	1	1	100%
Tetracloroeteno(µg/L)	---	<0,20	<0,20	0	100%	1	1	100%
HAP		<0,020	<0,020	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	<0,005	<0,005	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	<0,020	<0,020	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	<0,010	<0,010	0	100%	1	1	100%
arbonetos Aromáticos Policíclicos (µg/L):	0,10	<0,020	<0,020	0	100%	1	1	100%
Radiológicos								
Alpha total (Bq/L)	0,10	<0,04	<0,04	0	100%	1	1	100%
Dose Indicativa total (mSv/yr)	0,10	<0,1	<0,1	0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: QUINTA DO ANJO

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH não se traduz em incumprimento real uma vez que é reflexo das características hidrogeológicas da água e uma vez que a CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 devem ser registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano

O Presidente da Câmara



ÁLVARO MANUEL BALSEIRO AMARO

Data da publicitação: 25/03/2021

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO: VILA AMÉLIA DO CONCELHO DE PALMELA	4º TRIMESTRE 2020
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, de 7 de dezembro, 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 Outubro a 31 de Dezembro

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	0,5	---	---	1	1	100%
Alumínio (µg/L Al)	200	<50	<50	0	100%	1	1	100%
Azoto Amoniacal (mg/L NH_4)	0,50	<0,05	<0,05	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	N/D	N/D	---	---	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	N/D	N/D	---	---	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	304	304	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,4	7,4	0	100%	1	1	100%
Ferro (µg/L Fe)	200	<50	<50	0	100%	1	1	100%
Manganês (µg/L Mn)	50	<10	<10	0	100%	1	1	100%
Nitritos (mg/L NO_2)	0,5	<0,02	<0,02	0	100%	1	1	100%
Oxidabilidade (mg/L O_2)	5	<0,5	<0,5	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<3	<3	0	100%	1	1	100%
Turvação (NTU)	4	<0,7	<0,7	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	<0,005	<0,005	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	40	40	---	---	1	1	100%
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%

Cobre (mg/L Cu)	2,0	0,037	0,037	0	100%	1	1	100%
Crómio (µg/L Cr)	50	<10	<10	0	100%	1	1	100%
Dureza total (mg/L CaCO3)	---	120	120	---	---	1	1	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	4	4	---	---	1	1	100%
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (	0,10	<0,020	<0,020	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	<0,020	<0,020	---	100%	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,020	<0,020	---	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	<0,020	<0,020	---	100%	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	<0,010	<0,010	---	100%	1	1	100%
Trihalometanos - total (µg/L):	100	1,18	1,18	0	100%	1	1	100%
Clorofórmio(µg/L)	---	<0,3	<0,3	---	100%	1	1	100%
Bromofórmio(µg/L)	---	0,66	0,66	---	---	1	1	100%
Bromodiclorometano(µg/L)	---	0,12	0,12	---	---	1	1	100%
Dibromoclorometano(µg/L)	---	0,4	0,4	---	---	1	1	100%
Radão (Bq/L)	500	<10	<10	0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: VILA AMÉLIA

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)

O Presidente da Câmara

ÁLVARO MANUEL BALSEIRO AMARO

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