

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO EM ASSEICEIRA FORNINHO NO CONCELHO DE PALMELA					4º 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 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%	3	3	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	3	3	100%
Desinfetante residual (mg/L)	---	0,2	0,4	0	100%	3	3	100%
Alumínio (µg/L Al)	200	---	---	---	---	0	---	100%
Azoto Amoniacal (mg/L NH4)	0,5	---	---	---	---	0	---	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	ND	ND	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	248	248	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	5,7	5,7	1	0%	1	1	100%
Ferro (µg/L Fe)	200	---	---	---	---	0	---	100%
Manganês (µg/L Mn)	50	---	---	---	---	0	---	100%
Nitratos (mg/L NO3)	50	33	33	0	100%	1	1	100%
Nitritos (mg/L NO2)	0,5	---	---	---	---	0	---	100%
Oxidabilidade (mg/L O2)	5	---	---	---	---	0	---	100%
Cheiro a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,3	<0,3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	0	---	100%
Arsénio (µg/L As)	10	---	---	---	---	0	---	100%
Boro (mg/L B)	1	---	---	---	---	0	---	100%
Bromatos (µg/L BrO3)	10	---	---	---	---	0	---	100%
Cádmio (µg/L Cd)	5	---	---	---	---	0	---	100%
Cálcio (mg/L Ca)	---	---	---	---	---	0	---	100%
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%
Cianetos (µg/L CN)	50	---	---	---	---	0	---	100%
Cobre (mg/L Cu)	2	---	---	---	---	0	---	100%
Crómio (µg/L Cr)	50	---	---	---	---	0	---	100%
Dureza total (mg/L CaCO3)	---	---	---	---	---	0	---	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos (mg/L F)	1,5	---	---	---	---	0	---	100%
Magnésio (mg/L Mg)	---	---	---	---	---	0	---	100%
Mercurio (µg/L Hg)	1	---	---	---	---	0	---	100%
Níquel (µg/L Ni)	20	---	---	---	---	0	---	100%
Selénio (µg/L Se)	10	---	---	---	---	0	---	100%
Potássio (mg/l)	sem alteração anormal	---	---	---	---	0	---	100%
Cloritos (mg/L Cl)	0,7	---	---	---	---	0	---	100%
Cloratos (mg/L Cl)	0,7	---	---	---	---	0	---	100%
Cloretos (mg/L Cl)	250	---	---	---	---	0	---	100%
Sódio (mg/L Na)	200	---	---	---	---	0	---	100%
Sulfatos (mg/L SO4)	250	---	---	---	---	0	---	100%
Compostos Orgânicos voláteis								
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	0	---	100%
Benzeno (µg/L)	1	---	---	---	---	0	---	100%
Tetracloroeteno(µg/L)	---	---	---	---	---	0	---	100%
Tricloroeteno(µg/L)	---	---	---	---	---	0	---	100%
Clorofórmio(µg/L)	---	---	---	---	---	0	---	100%
Bromofórmio(µg/L)	---	---	---	---	---	0	---	100%
Bromodiclorometano(µg/L)	---	---	---	---	---	0	---	100%
Dibromoclorometano(µg/L)	---	---	---	---	---	0	---	100%
1,2 – dicloroetano (µg/L)	3	---	---	---	---	0	---	100%
Trihalometanos - total (µg/L):	100	---	---	---	---	0	---	100%
HAP								
Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):	0,1	---	---	---	---	0	---	100%
Benzo(a)pireno (µg/L)	0,01	---	---	---	---	0	---	100%
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	---	100%
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	---	100%
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	---	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	0	---	100%
Pesticidas – total (µg/L)	0,5	---	---	---	---	0	---	100%
Dimetenamida-P (ug/l)		---	---	---	---	0	---	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						0	---	100%
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 : Valor Paramétrico (VP) - valor máximo ou mínimo fixado para cada um dos parâmetros de acordo com o D.L. 69/2023 de 21 de agosto; N.º de Análises Previstas - relativas ao Plano Controlo Qualidade da Água (PCQA); % de Análises Realizadas - relativas ao PCQA aprovado; Vmáx e Vmín - valores máximo e mínimo obtidos nas análises realizadas; % Análises Conformes - que cumprem a legislação. Das análises realizadas todas apresentaram resultados conformes, à exceção do pH. Os resultados apresentados demonstram assim a boa qualidade da água distribuída no Concelho de Palmela. O valor de pH é reflexo das características hidrogeológicas da água. A CMP obteve parecer favorável da Autoridade de Saúde 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.
Sistema de tratamento: desinfecção com hipoclorito de sódio (produto químico utilizado como desinfetante para garantia da barreira sanitária, impedindo contaminação microbiana).