

CÂMARA MUNICIPAL DE PALMELA		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO EM MONTADO NO CONCELHO DE PALMELA				1º TRIMESTRE 2025		
Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).						1 de janeiro a 31 de março		
Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, incluindo alterações introduzidas pelo DL 152/2017)	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	3	3	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	3	3	100%
Desinfetante residual (mg/L)	---	0,5	0,6	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	>300	>300	0	100%	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	173	173	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	---	100%
Cor (mg/L PtCo)	20	<2	<2	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,4	6,4	1	0%	1	1	100%
Ferro (µg/L Fe)	200	---	---	---	---	0	---	100%
Manganês (µg/L Mn)	50	---	---	---	---	0	---	100%
Nitratos (mg/L NO3)	50	---	---	---	---	0	---	100%
Nitritos (mg/L NO2)	0,5	---	---	---	---	0	---	100%
Oxidabilidade (mg/L O2)	5	---	---	---	---	0	---	100%
Cheiro a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	0,58	0,58	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	0	---	100%
Arsénio (µg/L As)	10	---	---	---	---	0	---	100%
Boro (mg/L B)	1	---	---	---	---	0	---	100%
Bromatos (µg/L BrO3)	10	---	---	---	---	0	---	100%
Cádmio (µg/L Cd)	5	---	---	---	---	0	---	100%
Cálcio (mg/L Ca)	---	---	---	---	---	0	---	100%
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%
Cianetos (µg/L CN)	50	---	---	---	---	0	---	100%
Cobre (mg/L Cu)	2	---	---	---	---	0	---	100%
Crómio (µg/L Cr)	50	---	---	---	---	0	---	100%
Dureza total (mg/L CaCO3)	---	---	---	---	---	0	---	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos (mg/L F)	1,5	---	---	---	---	0	---	100%
Magnésio (mg/L Mg)	---	---	---	---	---	0	---	100%
Merúrio (µg/L Hg)	1	---	---	---	---	0	---	100%
Níquel (µg/L Ni)	20	---	---	---	---	0	---	100%
Selénio (µg/L Se)	10	---	---	---	---	0	---	100%
Potássio (mg/l)	sem alteração anormal	---	---	---	---	0	---	100%
Cloritos (mg/L Cl)	0,7	---	---	---	---	0	---	100%
Cloratos (mg/L Cl)	0,7	---	---	---	---	0	---	100%
Cloretos (mg/L Cl)	250	---	---	---	---	0	---	100%
Sódio (mg/L Na)	200	---	---	---	---	0	---	100%
Sulfatos (mg/L SO4)	250	---	---	---	---	0	---	100%
Compostos Orgânicos voláteis	---	---	---	---	---	0	---	100%
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	0	---	100%
Benzeno (µg/L)	1	---	---	---	---	0	---	100%
Tetracloroeteno(µg/L)	---	---	---	---	---	0	---	100%
Tricloroeteno(µg/L)	---	---	---	---	---	0	---	100%
Clorofórmio(µg/L)	---	---	---	---	---	0	---	100%
Bromofórmio(µg/L)	---	---	---	---	---	0	---	100%
Bromodiclorometano(µg/L)	---	---	---	---	---	0	---	100%
Dibromoclorometano(µg/L)	---	---	---	---	---	0	---	100%
1,2 – dicloroetano (µg/L)	3	---	---	---	---	0	---	100%
Trihalometanos - total (µg/L):	100	---	---	---	---	0	---	100%
HAP								
Hidrocarbonetos Aromáticos Polinucleares Totais (µg/L):	0,1	---	---	---	---	0	---	100%
Benzo(a)pireno (µg/L)	0,01	---	---	---	---	0	---	100%
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	---	100%
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	---	100%
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	---	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	0	---	100%
Pesticidas – total (µg/L)	0,5	---	---	---	---	0	---	100%
Dimetenamida-P (ug/l)	0,1	---	---	---	---	0	---	100%
M656PH051(ug/l)	---	---	---	---	---	0	---	100%
AMPA	---	---	---	---	---	0	---	100%
Glifosato	---	---	---	---	---	0	---	100%
Diurão (µg/L)	0,1	---	---	---	---	0	---	100%
Metalaxil (µg/L)	0,1	---	---	---	---	0	---	100%
Metribuzina	0,1	---	---	---	---	0	---	100%
Simazina (µg/L)	0,1	---	---	---	---	0	---	100%
Desetil-simazina (µg/L)	0,1	---	---	---	---	0	---	100%
Desetil-terbutilazina (µg/L)	0,1	---	---	---	---	0	---	100%
Bentazona (µg/L)	0,1	---	---	---	---	0	---	100%
Terbutilazina (µg/L)	0,1	---	---	---	---	0	---	100%
Clorpirifos (µg/L)	0,1	---	---	---	---	0	---	100%
Imidaclopride (µg/L)	0,1	---	---	---	---	0	---	100%
Radiológicos								
Dose Indicativa total (mSv/yr)	0,1	---	---	---	---	0	---	100%
Radão (Bq/L)	500	---	---	---	---	0	---	100%
Alfa total (Bq/L)	0,1	---	---	---	---	0	---	100%
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH é reflexo das características hidrogeológicas da água. A CMP obteve parecer favorável da ARS-LVT para não fazer correção de pH. Assim, valores de pH abaixo dos 6,5 são registados como incumprimento mas não constituem qualquer preocupação do ponto de vista da qualidade da água para abastecimento humano.								