

CÂMARA MUNICIPAL DE PALMELA	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE MONTADO DO CONCELHO DE PALMELA					3º TRIMESTRE 2024		
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).						01 de julho a 30 de setembro		
Parâmetro (unidades)	Valor Paramétrico (VP)	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP			% 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	---	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	ND	ND	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,3	6,3	1	0%	1	1	100%
Nitratos (mg/L NO ₃)	50	---	---	---	---	0	---	100%
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	0	---	100%
Condutividade (µS/cm a 20°C)	2500	243	243	0	100%	1	1	100%
Turvação (NTU)	4	<0,3	<0,3	0	100%	1	1	100%
Cloretos (mg/L Cl)	250	---	---	---	---	0	---	100%
Fluoretos (mg/L F)	1,5	---	---	---	---	0	---	100%
Sulfatos (mg/L SO ₄)	250	---	---	---	---	0	---	100%
Cálcio (mg/L Ca)	---	---	---	---	---	0	---	100%
Cianetos (µg/L CN)	50	---	---	---	---	0	---	100%
Merúrio (µg/L Hg)	1	---	---	---	---	0	---	100%
Azoto Amoniacal (mg/L NH ₄)	0,50	---	---	---	---	0	---	100%
Alumínio (µg/L Al)	200	---	---	---	---	0	---	100%
Crómio (µg/L Cr)	50	---	---	---	---	0	---	100%
Antimónio (µg/L Sb)	5	---	---	---	---	0	---	100%
Arsénio (µg/L As)	10	---	---	---	---	0	---	100%
Cor (mg/L PtCo)	20	<2	<2	0	100%	1	1	100%
Níquel (µg/L Ni)	20	---	---	---	---	0	---	100%
Ferro (µg/L Fe)	200	---	---	---	---	0	---	100%
Manganês (µg/L Mn)	50	---	---	---	---	0	---	100%
Dureza total (mg/L CaCO3)	---	---	---	---	---	0	---	100%
Oxidabilidade (mg/L O ₂)	5	---	---	---	---	0	---	100%
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	---	100%
Bromatos (µg/L BrO ₃)	10	---	---	---	---	0	---	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---	---	---	---	0	---	100%
Sódio (mg/L Na)	200	---	---	---	---	0	---	100%
Boro (mg/L B)	1,0	---	---	---	---	0	---	100%
Cobre (mg/L Cu)	2,0	---	---	---	---	0	---	100%
Selénio (µg/L Se)	10	---	---	---	---	0	---	100%
Chumbo (µg/L Pb)	10	---	---	---	---	0	---	100%
COV		---	---	---	---	---	---	100%
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	0	---	100%
Clorofórmio(µg/L)	---	---	---	---	---	0	---	100%
Bromodiclorometano(µg/L)	---	---	---	---	---	0	---	100%
Dibromoclorometano(µg/L)	---	---	---	---	---	0	---	100%
Bromofórmio(µg/L)	---	---	---	---	---	0	---	100%
Tricloroeteno(µg/L)	---	---	---	---	---	0	---	100%
Trihalometanos - total (µg/L)	100	---	---	---	---	0	---	100%
Tetracloroeteno(µg/L)	---	---	---	---	---	0	---	100%
Tetracloroeteno e Tricloroeteno (µg/L)	10	---	---	---	---	0	---	100%
HPA	0,100	---	---	---	---	---	---	100%
Benzeno (µg/L)	1,0	---	---	---	---	0	---	100%
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	---	100%
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	---	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	---	100%
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	---	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	0	---	100%
Dimetenamida (µg/L)	0,1	<0,03	<0,03	0	100%	1	1	100%
M656PH051 (µg/L)	---	<0,03	<0,03	0	100%	1	1	100%
Pesticidas totais	0,5	---	---	---	---	0	---	100%
Bentazona (µg/L)	0,10	---	---	---	---	0	---	100%
Clorpirifos(µg/L)	0,10	---	---	---	---	0	---	100%
Metaxilaxil(µg/L)	0,10	---	---	---	---	0	---	100%
Diurão(µg/L)	0,10	---	---	---	---	0	---	100%
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	0	---	100%
Terbutilazina (µg/L)	0,10	---	---	---	---	0	---	100%
Imidaclopride (µg/L)	0,10	---	---	---	---	0	---	100%
Simazina (µg/L)	0,10	---	---	---	---	0	---	100%
Desetilsimazina (µg/L)	0,10	---	---	---	---	0	---	100%
Radiológicos		---	---	---	---	---	---	100%
Radão (Bq/L)	500	---	---	---	---	0	---	100%
Dose Indicativa total (mSv/yr)	0,1	---	---	---	---	0	---	100%
Alpha total (Bq/L)	0,1	---	---	---	---	0	---	100%
		---	---	---	---	0	---	100%
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 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.								