



APAL
Águas Públicas em Altitude
Serviços Inter municipalizados

DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MANTEIGAS

ZONA DE ABASTECIMENTO: CARVALHEIRA

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).

Parâmetro	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	N.º Análises (PCQA)	%	N.º Análises (PCQA)	%
	VP	Unidade	Mínimo	Máximo				Previstas	Realizadas
Escherichia coli (E. coli)	0	N/100 ml	0	0	0	3	100%	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	3	100%	3	100%
Desinfetante residual	---	mg/l	0,63	0,87	---	3	100%	3	100%
Cheiro a 25 °C	3	Fator de diluição	<1	<1	0	1	100%	1	100%
Sabor a 25 °C	3	Fator de diluição	<1	<1	0	1	100%	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,4	7,4	0	1	100%	1	100%
Condutividade	2500	µS/cm a 20 °C	55,3	55,3	0	1	100%	1	100%
Cor	20	mg/l PtCo	<5	<5	0	1	100%	1	100%
Turvação	4	UNT	<0,50	<0,50	0	1	100%	1	100%
Enterococos intestinais	0	N/100 ml	0	0	0	1	100%	1	100%
Número de colónias a 22 °C	---	N/ml	<1	<1	---	1	100%	1	100%
Clostridium perfringens	0	N/100 ml	---	---	---	0	---	0	---
Alumínio	200	µg/L Al	---	---	---	0	---	0	---
Amónio	0,50	mg/l NH ₄	---	---	---	0	---	0	---
Antimónio (1)	10	µg/l Sb	---	---	---	0	---	0	---
Arsénio (1)	10	µg/l As	---	---	---	0	---	0	---
Benzeno (1)	1,0	µg/l	---	---	---	0	---	0	---
Benzo(a)pireno	0,010	µg/l	---	---	---	0	---	0	---
Boro (1)	1,5	mg/l B	---	---	---	0	---	0	---
Bromatos (1)	10	µg/l BrO ₃	---	---	---	0	---	0	---
Cádmio (1)	5,0	µg/l Cd	---	---	---	0	---	0	---
Cálcio	---	mg/l Ca	---	---	---	0	---	0	---
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	0	---	0	---
Cianetos (1)	50	µg/l CN	---	---	---	0	---	0	---
Cloretos (1)	250	mg/l Cl	---	---	---	0	---	0	---
Cloritos	0,7	mg/L	---	---	---	0	---	0	---
Cloratos	0,7	mg/L	---	---	---	0	---	0	---
Chumbo	10	µg/l Pb	---	---	---	0	---	0	---
Cobre	2,0	mg/l Cu	---	---	---	0	---	0	---
Crómio	50	µg/l Cr	---	---	---	0	---	0	---
1,2 - dicloroetano (1)	3,0	µg/l	---	---	---	0	---	0	---
Dureza total	---	mg/l CaCO ₃	---	---	---	0	---	0	---
Ferro	200	µg/l Fe	---	---	---	0	---	0	---
Fluoretos (1)	1,5	mg/l F	---	---	---	0	---	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	0	---	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	0	---	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	0	---	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	0	---	0	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	0	---	0	---
Magnésio	---	mg/l Mg	---	---	---	0	---	0	---
Manganês	50	µg/l Mn	---	---	---	0	---	0	---
Nitratos (1)	50	mg/l NO ₃	---	---	---	0	---	0	---
Nitritos	0,50	mg/l NO ₂	---	---	---	0	---	0	---
Mercurio (1)	1,0	µg/l Hg	---	---	---	0	---	0	---
Níquel	20	µg/l Ni	---	---	---	0	---	0	---
Oxidabilidade	5,0	mg/l O ₂	---	---	---	0	---	0	---
Pesticidas - total (1)	0,50	µg/l	---	---	---	0	---	0	---
MCPA (1)	0,10	µg/l	---	---	---	0	---	0	---
Glifosato (1)	0,10	µg/l	---	---	---	0	---	0	---
AMPA (1)	0,10	µg/l	---	---	---	0	---	0	---
Dimetenamida-P (1)	0,10	µg/l	---	---	---	0	---	0	---
M656PH051 (1)	0,10	µg/l	---	---	---	0	---	0	---
Potássio	---	mg/L K	---	---	---	0	---	0	---
Selénio (1)	20	µg/l Se	---	---	---	0	---	0	---
Sódio (1)	200	mg/l Na	---	---	---	0	---	0	---
Sulfatos (1)	250	mg/l SO ₄	---	---	---	0	---	0	---
Tetracloroetano e Tricloroetano: (1)	10	µg/l	---	---	---	0	---	0	---
Tetracloroetano (1)	---	µg/l	---	---	---	0	---	0	---
Tricloroetano (1)	---	µg/l	---	---	---	0	---	0	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	0	---	0	---
Clorofórmio	---	µg/l	---	---	---	0	---	0	---
Bromofórmio	---	µg/l	---	---	---	0	---	0	---
Bromodiclorometano	---	µg/l	---	---	---	0	---	0	---
Dibromoclorometano	---	µg/l	---	---	---	0	---	0	---
α-total (1)	0,1	Bq/l	---	---	---	0	---	0	---
Dose Indicativa (1)	0,10	mSv	---	---	---	0	---	0	---
Radão	500	Bq/l	---	---	---	0	---	0	---

Nota (1) - Parâmetros conservativos - análises da responsabilidade da Entidade Gestora em alta (Águas do Vale do Tejo, SA)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas) e ao parecer da Autoridade de Saúde:

Não aplicável.

Nota: Os resultados analíticos apresentados evidenciam que a água distribuída está em conformidade com as normas de qualidade estabelecidas no Decreto-Lei n.º 69/2023 de 21 de agosto.

O Presidente do Conselho de Administração:

(Sérgio Fernando da Silva Costa)

Data da publicação no website da APAL-SIM:

23.02.2026