APAL
Águas Públicas em Altitude
Serviços Intermunicipalizados

DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DA GUARDA

ZONA DE ABASTECIMENTO: CALDEIRÃO (Guarda e Celorico da Beira)

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).

Parâmetro	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. coli)	0	N/100 ml	0	---	0	100%	23	23	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	23	23	100%
Desinfetante residual	---	mg/l	0,19	1,03	---	---	23	23	100%
Cheiro a 25 °C	3	Fator de diluição	<1	<1	0	100%	7	7	100%
Sabor a 25 °C	3	Fator de diluição	<1	<1	0	100%	7	7	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,5	7,7	0	100%	7	7	100%
Condutividade	2500	µS/cm a 20 °C	84,2	133	0	100%	7	7	100%
Cor	20	mg/l PtCo	<5	9	0	100%	7	7	100%
Turvação	4	UNT	<0,50	0,70	0	100%	7	7	100%
Enterococos intestinais	0	N/100 ml	0	0	0	100%	7	7	100%
Número de colónias a 22 °C	---	N/ml	<1	88	---	---	7	7	100%
Clostridium perfringens	0	N/100 ml	0	---	0	100%	1	1	100%
Alumínio	200	µg/L Al	<10,0	15,8	0	100%	7	7	100%
Ferro	200	µg/l Fe	<10,0	<10,0	0	100%	7	7	100%
Amónio	0,5	mg/l NH4	0,064	---	0	100%	1	1	100%
Antimónio (1)	10	µg/l Sb	---	---	---	---	0	0	---
Arsénio (1)	10	µg/l As	---	---	---	---	0	0	---
Benzeno (1)	1	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,01	µg/l	<0,00100	---	0	100%	1	1	100%
Boro (1)	1	mg/l B	---	---	---	---	0	0	---
Bromatos (1)	10	µg/l BrO3	---	---	---	---	0	0	---
Cádmio (1)	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	14,9	---	---	---	1	1	100%
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	<0,0100	---	0	100%	1	1	100%
Cloratos	0,7	mg/L	0,171	---	0	100%	1	1	100%
Chumbo	10	µg/l Pb	0,90	---	0	100%	1	1	100%
Cobre	2	mg/l Cu	0,0065	---	0	100%	1	1	100%
Crómio	50	µg/l Cr	<1,00	---	0	100%	1	1	100%
1,2 - dicloroetano (1)	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO3	41	---	---	---	1	1	100%
Fluoretos (1)	1,5	mg/l F	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,1	µg/l	<0,00100	---	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,00100	---	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,00100	---	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,00100	---	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,00100	---	---	---	1	1	100%
Magnésio	---	mg/l Mg	0,84	---	---	---	1	1	100%
Manganês	50	µg/l Mn	<1,00	---	0	100%	1	1	100%
Nítratos (1)	50	mg/l NO3	---	---	---	---	0	0	---
Nitritos	0,5	mg/l NO2	<0,04	---	0	100%	1	1	100%
Mercúrio (1)	1,0	µg/l Hg	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	<1,00	---	0	100%	1	1	100%
Oxidabilidade	5	mg/l O2	1,33	---	0	100%	1	1	100%
Pesticidas - total (1)	0,5	µg/l	---	---	---	---	0	0	---
MCPA (1)	0,1	µg/l	---	---	---	---	0	0	---
Glifosato (1)	0,1	µg/l	---	---	---	---	0	0	---
AMPA (1)	0,1	µg/l	---	---	---	---	0	0	---
Dimetenamida-P (1)	0,1	µg/l	---	---	---	---	0	0	---
M656PH051 (1)	0,1	µg/l	---	---	---	---	0	0	---
Potássio	---	mg/L K	0,61	---	---	---	1	1	100%
Selénio (1)	20	µg/l Se	---	---	0	100%	1	1	100%
Sódio (1)	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos (1)	250	mg/l SO4	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno: (1)	10	µg/l	---	---	---	---	0	0	---
Tetracloroeteno (1)	---	µg/l	---	---	---	---	0	0	---
Tricloroeteno (1)	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total (THM):	100	µg/l	15,9	---	0	100%	1	1	100%
Clorofórmio	---	µg/l	13,4	---	---	---	1	1	100%
Bromofórmio	---	µg/l	<0,20	---	---	---	1	1	100%
Bromodiclorometano	---	µg/l	2,3	---	---	---	1	1	100%
Dibromoclorometano	---	µg/l	0,24	---	---	---	1	1	100%
α-total (1)	0,10	Bq/l	---	---	---	---	0	0	---
Dose indicativa (1)	0,1	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.

O Presidente do Conselho de Administração:

(Sérgio Fernando da Silva Costa)

Data da publicitação no *website* da APAL-SIM:

05/06/2025