



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

2º TRIMESTRE 2021

ZONA DE ABASTECIMENTO: VALE DE ESTRELA
Localidades abastecidas: Vale de Estrela

Edital Nº 125

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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	
<i>Escherichia coli (E. coli)</i>	0	N/100 ml	0	---	0	100%	2	2	100%
Bactérias coliformes	0	N/100 ml	0	---	0	100%	2	2	100%
Desinfetante residual	---	mg/l	0,1	0,3	---	---	2	2	100%
Cheiro a 25 °C	3	Fator de diluição	<1	---	0	---	1	1	100%
Sabor a 25 °C	3	Fator de diluição	<1	---	0	---	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,5	---	0	---	1	1	100%
Condutividade	2500	µS/cm a 20 °C	44	---	0	---	1	1	100%
Cor	20	mg/l PtCo	<5	---	0	---	1	1	100%
Turvação	4	UNT	<0,5	---	0	---	1	1	100%
Enterococos	0	N/100 ml	0	---	0	---	1	1	100%
Número de colónias a 22 °C	---	N/ml	0	---	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	0	---	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	---	0	---	1	1	100%
Alumínio	200	µg/L Al	10,8	---	0	---	1	1	100%
Amónio	0,50	mg/l NH4	<0,1	---	0	---	1	1	100%
Antimónio	5,0	µg/l Sb	<1	---	0	100%	1	1	100%
Arsénio	10	µg/l As	<1	---	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,2	---	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,003	---	0	100%	1	1	100%
Boro	1,0	mg/l B	<0,01	---	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3	---	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,4	---	0	100%	1	1	100%
Cálcio	---	mg/l Ca	4,3	---	---	---	1	1	100%
Cianetos	50	µg/l CN	<5	---	0	100%	1	1	100%
Cloretos	250	mg/l Cl	5,8	---	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<1	---	0	100%	1	1	100%
Cobre	2	mg/l Cu	0,01	---	0	100%	1	1	100%
Crómio	50	µg/l Cr	<1	---	0	100%	1	1	100%
1,2 - dicloroetano	3	µg/l	<0,750	---	0	100%	1	1	100%
Dureza total	---	mg/l CaCO3	12	---	---	---	1	1	100%
Ferro	200	µg/l Fe	3,8	---	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	<0,4	---	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,1	µg/l	<0,02	---	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,02	---	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,02	---	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,02	---	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,02	---	---	---	1	1	100%
Magnésio	---	mg/l Mg	<2,0	---	---	---	1	1	100%
Manganês	50	µg/l Mn	1,34	---	0	100%	1	1	100%
Nitratos	50	mg/l NO3	<4	---	0	100%	1	1	100%
Nitritos	0,5	mg/l NO2	<0,04	---	0	100%	1	1	100%
Mercurio	1	µg/l Hg	<0,01	---	0	100%	1	1	100%
Níquel	20	µg/l Ni	<2	---	0	100%	1	1	100%
Oxidabilidade	5,00	mg/l O2	<0,9	---	0	100%	1	1	100%
Pesticidas - total	0,5	µg/l	<0,1	---	0	100%	1	1	100%
Terbutilazina	0,1	µg/l	<0,03	---	0	100%	1	1	100%
Desetilterbutilazina	0,1	µg/l	<0,03	---	0	100%	1	1	100%
Selénio	10	µg/l Se	<1	---	0	100%	1	1	100%
Sódio	200	mg/l Na	4,09	---	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	<10	---	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	<0,3	---	0	100%	1	1	100%
Tetracloroetano	---	µg/l	<0,2	---	---	---	1	1	100%
Tricloroetano	---	µg/l	<0,1	---	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	4,73	---	0	100%	1	1	100%
Clorofórmio	---	µg/l	1,15	---	---	---	1	1	100%
Bromofórmio	---	µg/l	0,42	---	---	---	1	1	100%
Bromodichlorometano	---	µg/l	1,55	---	---	---	1	1	100%
Dibromochlorometano	---	µg/l	1,61	---	---	---	1	1	100%
Dose indicativa	0,1	mSv	<0,10	---	0	100%	1	1	100%
Radão	500	Bq/l	110	---	0	---	1	1	100%
α-total	0,1	Bq/l	<0,04	---	0	---	1	1	100%
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	---	---	---
Cloritos	1	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO3	---	---	---	---	---	---	---
β-total	1,0	Bq/l	---	---	---	---	---	---	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Não aplicável.

O Presidente da CMG:

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(Carlos Alberto Chaves Monteiro)