



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO  
CONCELHO DE SOBRAL DE MONTE AGRAÇO NO

PONTO DE ENTREGA DE CM DE ARRUDA DOS VINHOS

2.º TRIMESTRE 2022  
(01/04/2022 a 30/06/2022)

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água fornecida através de análises periódicas no Ponto de Entrega à CM de Arruda dos Vinhos\*, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetros (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017, de 7 de dezembro	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%			100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%			100%
Desinfetante residual (mg/L)	---	0,7	---	---	---			100%
Alumínio (µg/L Al)	200	< 50	0	0	100%			100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	---	---	---			100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	---	---	---			100%
Condutividade (µS/cm a 20°C)	2500	325	0	0	100%			100%
Glostridium perfringens (N/100 ml)	0	0	0	0	100%			100%
Cor (mg/L PtCo)	20	< 5	0	0	100%			100%
pH (unidades de pH)	≥6,5 e ≤9,5	7,1	0	0	100%			100%
Ferro (µg/L Fe)	200	< 50	0	0	100%			100%
Cheiro a 25°C (Factor de diluição)	3	< 3	0	0	100%			100%
Sabor a 25°C (Factor de diluição)	3	< 3	0	0	100%			100%
Enterococos (N/100 ml)	0	0	0	0	100%			100%
Turvação (UNT)	4	< 0,7	0	0	100%			100%
Antimónio <sup>2</sup> (µg/L Sb)	5	---	---	---	---	---	---	---
Amónio (mg/L NH <sub>4</sub> )	0,50	< 0,05	0	0	100%			100%
Arsénio <sup>2</sup> (µg/L As)	10	---	---	---	---	---	---	---
Benzeno <sup>2</sup> (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,0050	0	0	100%			100%
Boro <sup>2</sup> (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )	10	---	---	---	---	---	---	---
Cádmio <sup>2</sup> (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	52,4	---	---	---			100%
Chumbo (µg/L Pb)	10	< 3	0	0	100%			100%
Cianetos <sup>2</sup> (µg/L Cn)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	*	*	*	*	*	*	*
Crómio (µg/L Cr)	50	< 10	0	0	100%			100%
Cloretos <sup>2</sup> (mg/L Cl)	250	---	---	---	---	---	---	---
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO <sub>3</sub> )	---	159	---	---	---			100%
Fluoretos <sup>2</sup> (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	6,8	---	---	---			100%
Manganés (µg/L Mn)	50	< 10	0	0	100%			100%
Mercúrio <sup>2</sup> (µg/L Hg)	1,0	---	---	---	---	---	---	---
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	---	---	---	---	---	---	---
Nitritos (mg/L NO <sub>2</sub> )	0,5	< 0,02	0	0	100%			100%
Níquel (µg/L Ni)	20	< 5	0	0	100%			100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	< 0,50	0	0	100%			100%
Selénio <sup>2</sup> (µg/L Se)	10	---	---	---	---	---	---	---
Sódio <sup>2</sup> (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )	250	---	---	---	---	---	---	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Dose indicativa total <sup>2</sup> (mSv/ano)	0,10	---	---	---	---	---	---	---
Actividade alfa total <sup>2</sup> (referida a Am) (Ba/L)	0,1	---	---	---	---	---	---	---
Actividade beta total <sup>2</sup> (referida a K) (Ba/L)	1,0	---	---	---	---	---	---	---
Radão(Ba/L)	500	< 10	0	0	100%			100%
Soma Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano <sup>2</sup> (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano <sup>2</sup> (µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,020	0	0	100%			100%
Benzo(b)fluoranteno (µg/L)	---	< 0,020	---	---	---			100%
Benzo(k)fluoranteno (µg/L)	---	< 0,020	---	---	---			100%
Benzo(ghi)perileno (µg/L)	---	< 0,020	---	---	---			100%
Indeno(1,2,3-cd)pireno(µg/L)	---	< 0,020	---	---	---			100%
Trihalometanos - total (µg/L):	80	11,96	0	0	100%			100%
Clorofórmio(µg/L)	---	4,75	---	---	---			100%
Bromofórmio(µg/L)	---	1,95	---	---	---			100%
Bromodiorometano(µg/L)	---	5,26	---	---	---			100%
Dibromodiorometano(µg/L)	---	< 0,10	---	---	---			100%
Pesticidas - total <sup>2</sup> (µg/L)	0,50	---	---	---	---	---	---	---
Alacloro <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Atrazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Bentazona <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Desetilatraxina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Desetilsimazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Desetiltributiazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Dimetoato <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Diurão <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Imidaclopride <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Isoproturão <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Linurão <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
MCPA <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Metalaxil <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Metolaclo <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Ometoato <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Oxamil <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Simazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---

Nota 1: Ponto de Entrega controlado: PEI - Ponto de Entrega de CM de Arruda dos Vinhos [PA11 - Zibreira de Fetais (Rua Principal)].

Nota 2: Parâmetros (conservativos) analisados pela entidade gestora "em Alta": EPAL.

Nota: Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Não foram registados incumprimentos neste trimestre.

\* A falta de resultado do parâmetro Cobre deve-se ao atraso de fornecimento de reagentes ao laboratório para a determinação do metal em falta. O resultado da análise a este parâmetro será publicitado logo que for entregue.

O Presidente da Câmara, José Alberto Quintino, Eng.º

Data de publicitação: 02.09.2022