

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<sup>1</sup>, 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%
Desinfecante residual (mg/L)	---	0,7	---	---	---			100%
Alumínio (µg/L Al)	200	< 50	---	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	295	---	0	100%			100%
Clostridium perfringens (N/100 ml)	0	0	---	0	100%			100%
Cor (mg/L PtCo)	20	< 5	---	0	100%			100%
pH (unidades de pH)	≥6,5 e ≤9,5	8,2	---	0	100%			100%
Ferro (µg/L Fe)	200	< 50	---	0	100%			100%
Cheiro a 25°C (Factor de diluição)	3	< 3	---	0	100%			100%
Sabor a 25°C (Factor de diluição)	3	< 3	---	0	100%			100%
Enterococos (N/100 mL)	0	0	---	0	100%			100%
Turbidez (UNT)	4	< 0,7	---	0	100%			100%
Antimónio <sup>2</sup> (µg/L Sb)	5	< 0,500	---	0	100%			100%
Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	---	---	---
Arsénio <sup>2</sup> (µg/L As)	10	< 0,500	---	0	100%			100%
Benzeno <sup>2</sup> (µg/L)	1,0	< 0,30	---	0	100%			100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Boro <sup>2</sup> (mg/L B)	1,0	< 0,020	---	0	100%			100%
Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )	10	< 3,00	---	0	100%			100%
Cádmio <sup>2</sup> (µg/L Cd)	5,0	< 0,500	---	0	100%			100%
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cianetos <sup>2</sup> (µg/L CN)	50	< 5,00	---	0	100%			100%
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Cloretos <sup>2</sup> (mg/L Cl)	250	18,8	---	0	100%			100%
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	< 0,10	---	0	100%			100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	---	---	---	---	---	---	---
Fluoretos <sup>2</sup> (mg/L F)	1,5	< 0,10	---	0	100%			100%
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Manganés (µg/L Mn)	50	---	---	---	---	---	---	---
Mercurio <sup>2</sup> (µg/L Hg)	1,0	< 0,200	---	0	100%			100%
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	2,79	---	0	100%			100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Oxidabilidade (mg/L O <sub>2</sub> )	5	---	---	---	---	---	---	---
Selénio <sup>2</sup> (µg/L Se)	10	< 2,00	---	0	100%			100%
Sódio <sup>2</sup> (mg/L Na)	200	11,9	---	0	100%			100%
Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )	250	16,2	---	0	100%			100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Dose indicativa total <sup>2</sup> (mSv/dia)	0,10	< 0,1	---	0	100%			100%
Actividade alfa total <sup>2</sup> (referida a Am) (Bq/L)	---	< 0,025	---	---	---			100%
Actividade beta total <sup>2</sup> (referida a K) (Bq/L)	---	---	---	---	---	---	---	---
Radão (Bq/L)	500	---	---	---	---	---	---	---
Soma Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L):	10	< 1,0	---	0	100%			100%
Tetracloroetano <sup>2</sup> (µg/L)	---	< 0,10	---	---	---			100%
Tricloroetano <sup>2</sup> (µg/L)	---	< 1,0	---	---	---			100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	80	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Pesticidas - total <sup>2</sup> (µg/L)	0,50	< 0,030	---	0	100%			100%
Alacloro <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Atrazina <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Bentazona <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Clorpirifos <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Desetilatrazina <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Desetilsimazina <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Desetilterbutilazina <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Dimetoato <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Dinuro <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
imidacloprida <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
isoprocarbato <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Lamprino <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
MCPA <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Metabaxi <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Metolclopr <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Ometoato <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Oxamili <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Simazina <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%
Terbutilazina <sup>2</sup> (µg/L)	0,10	< 0,030	---	0	100%			100%

Nota 1: Ponto de Entrega controlado: PE1 - 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.