

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	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0		0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,5	0,6	---	---	2	2	100%
Alumínio (µg/L Al)	200	< 50		0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0		---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0		---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	340		0	100%	1	1	100%
Clostridium perfringens (N/100 ml)	0	0		0	100%	1	1	100%
Cor (mg/L PtCo)	20	< 5		0	100%	1	1	100%
pH (unidades de pH)	≥6,5 e ≤9,5	7,5		0	100%	1	1	100%
Ferro (µg/L Fe)	200	71		0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	< 3		0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	< 3		0	100%	1	1	100%
Enterococos (N/100 mL)	0	0		0	100%	1	1	100%
Turbidez (UNT)	4	2,2		0	100%	1	1	100%
Antimónio <sup>3</sup> (µg/L Sb)	5	< 0,50		0	100%	1	1	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	---		---	---	---	---	---
Arsénio <sup>3</sup> (µg/L As)	10	< 0,50		0	100%	1	1	100%
Benzeno <sup>2</sup> (µg/L)	1,0	< 0,30		0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	---		---	---	---	---	---
Boro <sup>2</sup> (mg/L B)	1,0	< 0,02		0	100%	1	1	100%
Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )	10	< 3		0	100%	1	1	100%
Cádmio <sup>2</sup> (µg/L Cd)	5,0	< 0,50		0	100%	1	1	100%
Cálcio (mg/L Ca)	---	---		---	---	---	---	---
Chumbo (µg/L Pb)	10	---		---	---	---	---	---
Cianetos <sup>2</sup> (µg/L CN)	50	< 5		0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	---		---	---	---	---	---
Crómio (µg/L Cr)	50	---		---	---	---	---	---
Cloretos <sup>2</sup> (mg/L Cl)	250	< 7,5		0	100%	1	1	100%
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	< 0,10		0	100%	1	1	100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	---		---	---	---	---	---
Fluoretos <sup>2</sup> (mg/L F)	1,5	< 0,10		0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---		---	---	---	---	---
Manganês (µg/L Mn)	50	---		---	---	---	---	---
Mercurio <sup>2</sup> (µg/L Hg)	1,0	< 0,20		0	100%	1	1	100%
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	2,39		0	100%	1	1	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		0	100%	1	1	100%
Sódio (mg/L Na)	200	6,22		0	100%	1	1	100%
Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )	250	11,1		0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---		---	---	---	---	---
Dose indicativa total <sup>2</sup> (mSv/ano)	0,10	< 0,10		0	100%	1	1	100%
Actividade alfa total <sup>2</sup> (referida a Am) (Bq/L)	0,1	< 0,04		0	100%	1	1	100%
Actividade beta total <sup>2</sup> (referida a K) (Bq/L)	1,0	---		---	---	---	---	---
Radão (Bq/L)	500	---		---	---	---	---	---
Soma Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L):	10	< 1		0	100%	1	1	100%
Tetracloroetano <sup>2</sup> (µg/L)	---	< 0,10		---	---	1	1	100%
Tricloroetano <sup>2</sup> (µg/L)	---	< 1		---	---	1	1	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)	---	---		---	---	---	---	---
Bromodiorometano(µg/L)	---	---		---	---	---	---	---
Dibromoclorometano(µg/L)	---	---		---	---	---	---	---
Pesticidas - total <sup>2</sup> (µg/L)	0,50	< 0,030		0	100%	1	1	100%
Alacloro <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Atrazina <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Bentazona <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Clorpirifos <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Desetilatrazina <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Desetilsimazina <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Desetilterbutilazina <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Dimetomida-P <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Dimetoato <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Dinurão <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Imidacloprida <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Isoprotrato <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Linurão <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
MCPA <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Metalaxil-M <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
S-Metolaclo <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Metribuzina <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Ometoato <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Osamil <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Simazina <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%
Terbutilazina <sup>2</sup> (µg/L)	0,10	< 0,030		0	100%	1	1	100%

Nota 1: Ponto de Entrega controlado: PE1 - Ponto de Entrega de CM de Arruda dos Vinhos [PA11 - Zibreira de Fetas (Rua Principal)].

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

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