

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<sup>1</sup> de CM de Arruda dos Vinhos, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

	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%	1	1	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
Desinfetante residual (mg/L)	---	0,2	---	---	---	1	1	100%
Alumínio (µg/L Al)	200	< 50	0	0	100%	1	1	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	< 0,05	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	5	---	---	---	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	156	0	0	100%	1	1	100%
Clostridium perfringens (N/100 ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	< 5	0	0	100%	1	1	100%
pH (unidades de pH)	≥6,5 e ≤9,5	8	0	0	100%	1	1	100%
Ferro (µg/L Fe)	200	72	0	0	100%	1	1	100%
Manganês (µg/L Mn)	50	< 10	0	0	100%	1	1	100%
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	2,30   3,10	0	0	100%	5	5	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	< 0,02	0	0	100%	1	1	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	0,7	0	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	< 3	0	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	< 3	0	0	100%	1	1	100%
Turvação (UNT)	4	0,8	0	0	100%	1	1	100%
Antimónio <sup>2</sup> (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio <sup>2</sup> (µg/L As)	10	---	---	---	---	---	---	---
Benzeno <sup>2</sup> (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,005	0	0	100%	1	1	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)	---	20	---	---	---	1	1	100%
Chumbo (µg/L Pb)	10	5,2	0	0	100%	1	1	100%
Cianetos <sup>2</sup> (µg/L Cn)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	0,02	0	0	100%	1	1	100%
Crómio <sup>2</sup> (µg/L Cr)	50	---	---	---	---	---	---	---
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO <sub>3</sub> )	---	62	---	---	---	1	1	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos <sup>2</sup> (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	3	---	---	---	1	1	100%
Mercúrio <sup>2</sup> (µg/L Hg)	1,0	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	< 5	0	0	100%	1	1	100%
Selénio <sup>2</sup> (µg/L Se)	10	---	---	---	---	---	---	---
Cloretos <sup>2</sup> (mg/L Cl)	250	---	---	---	---	---	---	---
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)	---	---	---	---	---	---	---	---
Actividade alfa total <sup>2</sup> (referida a Am) (Bq/L)	0,1	---	---	---	---	---	---	---
Actividade beta total <sup>2</sup> (referida a K) (Bq/L)	1,0	---	---	---	---	---	---	---
Radão (Bq/L)	500	< 10	0	0	100%	1	1	100%
Soma Tricloroetileno e Tetracloroetileno <sup>2</sup> (µg/L):	10	---	---	---	---	---	---	---
Tricloroetileno <sup>2</sup> (µg/L)	---	---	---	---	---	---	---	---
Tetracloroetileno <sup>2</sup> (µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	0	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%
Trihalometanos - total (µg/L):	80	49,0	0	0	100%	1	1	100%
Clorofórmio(µg/L)	---	11,10	---	---	---	1	1	100%
Bromofórmio(µg/L)	---	8,17	---	---	---	1	1	100%
Bromodiclorometano(µg/L)	---	11,70	---	---	---	1	1	100%
Dibromoclorometano(µg/L)	---	18,00	---	---	---	1	1	100%
Pesticidas - total <sup>2</sup> (µg/L)	0,50	---	---	---	---	---	---	---
Pesticida - Terbutilazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Pesticida - Bentazona <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Pesticida - Imidaclopride <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Pesticida - Diurão <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Pesticida - Clorpirifos <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Pesticida - MCPA <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Pesticida - Oxamil <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Pesticida - Desetilterbutilazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---

**Nota 1:** Ponto de Entrega de CM de Arruda dos Vinhos [PA10 - Casal Portela da Ermida (Pontes de Monfalim)].

**Nota 2:** Parâmetros conservativos analisados pela entidade gestora em Alta: EPAL.