

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 Vinhos¹, 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	100%			100%
Clostridium perfringens (N/100 ml)	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	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	100%			100%
Turvação (UNT)	4	< 0,70	---	0	100%			100%
Antimónio ² (µg/L Sb)	5	---	---	---	---	---	---	---
Amónio (mg/L NH ₄)	0,50	< 0,05	---	0	100%			100%
Arsénio ² (µg/L As)	10	---	---	---	---	---	---	---
Benzeno ² (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,0050	---	0	100%			100%
Boro ² (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos ² (µg/L BrO ₃)	10	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	52,4	---	---	---			100%
Chumbo (µg/L Pb)	10	< 3,0	---	0	100%			100%
Cianetos ² (µg/L Cn)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	< 0,010	---	0	100%			100%
Crómio (µg/L Cr)	50	< 10,0	---	0	100%			100%
Cloretos ² (me/L Cl)	250	---	---	---	---	---	---	---
1,2 - dicloroetano ² (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	159	---	---	---			100%
Fluoretos ² (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	6,8	---	---	---			100%
Manganês (µg/L Mn)	50	< 10,0	---	0	100%			100%
Mercúrio ² (µg/L Hg)	1,0	---	---	---	---	---	---	---
Nitratos ² (mg/L NO ₃)	50	---	---	---	---	---	---	---
Nitritos (mg/L NO ₂)	0,5	< 0,02	---	0	100%			100%
Níquel (µg/L Ni)	20	< 5,0	---	0	100%			100%
Oxidabilidade (mg/L O ₂)	5	< 0,50	---	0	100%			100%
Selénio ² (µg/L Se)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos ² (mg/L SO ₄)	250	---	---	---	---	---	---	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Dose indicativa total ² (mSv/ano)	0,10	---	---	---	---	---	---	---
Actividade alfa total ² (referida a Am) (Bq/L)	0,1	---	---	---	---	---	---	---
Actividade beta total ² (referida a K) (Bq/L)	1,0	---	---	---	---	---	---	---
Rádão (Bq/L)	500	< 10,0	---	0	100%			100%
Soma Tetracloroetano e Tricloroetano ² (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,020	---	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	17,1*	---	0	100%			100%
Clorofórmio(µg/L)	---	4,75	---	---	---			100%
Bromofórmio(µg/L)	---	1,95	---	---	---			100%
Bromodiclorometano(µg/L)	---	5,26	---	---	---			100%
Dibromoclorometano(µg/L)	---	5,16*	---	---	---			100%
Pesticidas - total ² (µg/L)	0,50	---	---	---	---	---	---	---
Alacloro ² (µg/L)	0,10	---	---	---	---	---	---	---
Atrazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Bentazona ² (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetilatrazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetisimazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetilterbutilazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Dimetoato ² (µg/L)	0,10	---	---	---	---	---	---	---
Diurão ² (µg/L)	0,10	---	---	---	---	---	---	---
Imidaclopride ² (µg/L)	0,10	---	---	---	---	---	---	---
Isoprocturão ² (µg/L)	0,10	---	---	---	---	---	---	---
Linurão ² (µg/L)	0,10	---	---	---	---	---	---	---
MCPA ² (µg/L)	0,10	---	---	---	---	---	---	---
Metaxal ² (µg/L)	0,10	---	---	---	---	---	---	---
Metolaclo ² (µg/L)	0,10	---	---	---	---	---	---	---
Ometoato ² (µg/L)	0,10	---	---	---	---	---	---	---
Oxamil ² (µg/L)	0,10	---	---	---	---	---	---	---
Simazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina ² (µg/L)	0,10	---	---	---	---	---	---	---

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.

* O valor do parâmetro Dibromoclorometano foi alterado no boletim analítico definitivo assim como o valor do parâmetro Tri-halometanos.