

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, 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 n.º 69/2023, de 21 de agosto	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)	---	0,5	---	---	---	1	1	100%
Alumínio (µg/L Al)	200	< 50	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	3	---	---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	312	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	7,5	0	0	100%	1	1	100%
Ferro (µg/L Fe)	200	< 50	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%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Turvação (UNT)	4	< 0,7	0	0	100%	1	1	100%
Clostridium perfringens (N/100 ml)	0	---	---	---	---	---	---	---
Cloratos (mg/L ClO ₃)	0,25	---	---	---	---	---	---	---
Cloritos (mg/L ClO ₂)	0,25	---	---	---	---	---	---	---
Potássio (mg/L K)	Sem alteração anormal	---	---	---	---	---	---	---
Antimónio ² (µg/L Sb)	10	< 0,50	0	0	100%	1	1	100%
Amónio (mg/L NH ₄)	0,50	---	---	---	---	---	---	---
Arsénio ² (µg/L As)	10	< 0,50	0	0	100%	1	1	100%
Benzeno ² (µg/L)	1,0	< 0,30	0	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Boro ² (mg/L B)	1,5	< 0,020	0	0	100%	1	1	100%
Bromatos ² (µg/L BrO ₃)	10	< 3,00	0	0	100%	1	1	100%
Cádmio ² (µg/L Cd)	5,0	< 0,50	0	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cianetos ² (µg/L CN)	50	< 5,00	0	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Cloretos ² (mg/L Cl)	250	22,5	0	0	100%	1	1	100%
1,2 - dicloroetano ² (µg/L)	3,0	< 0,10	0	0	100%	1	1	100%
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	---	---	---
Fluoretos ² (mg/L F)	1,5	< 0,10	0	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Mercurio ² (µg/L Hg)	1,0	< 0,20	0	0	100%	1	1	100%
Nitratos ² (mg/L NO ₃)	50	2,81	0	0	100%	1	1	100%
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Oxidabilidade (mg/L O ₂)	5	---	---	---	---	---	---	---
Selénio ² (µg/L Se)	20	< 2,00	0	0	100%	1	1	100%
Sódio ² (mg/L Na)	200	14,1	0	0	100%	1	1	100%
Sulfatos ² (mg/L SO ₄)	250	11,1	0	0	100%	1	1	100%
Dose indicativa total ² (mSv/ano)	0,10	< 0,10	0	0	100%	1	1	100%
Actividade alfa total ² (referida a Am) (Bq/L)	---	< 0,04	---	---	---	1	1	100%
Radão (Bq/L)	500	---	---	---	---	---	---	---
Soma Tetracloroetano e Tricloroetano ² (µg/L):	10	< 1,0	0	0	100%	1	1	100%
Tetracloroetano ² (µg/L)	---	< 0,10	---	---	---	1	1	100%
Tricloroetano ² (µg/L)	---	< 1,0	---	---	---	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)	---	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Pesticidas - total ² (µg/L)	0,50	< 0,030	1	100%	100%	1	1	100%
Alacloro ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
AMPA ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Bentazona ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Clorpirifos ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Desetilatrazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetilsimazina ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Desetilterbutilazina ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Dimetenamida-P ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Dimetoato ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Diurão ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Glifosato ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Imidaclopride ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
MCPA ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Metalaxil-M ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
M656PHOS ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Metribuzina ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Ometoato ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
S-Metolacloro ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Simazina ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Oxamif ² (µg/L)	0,10	---	---	---	---	---	---	---
Tebuconazole ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%
Terbutilazina ² (µg/L)	0,10	< 0,030	1	100%	100%	1	1	100%