

## EDITAL N.º 04/2024.ZA2

4º TRIMESTRE DE 2024 – DE 1 DE OUTUBRO A 31 DE DEZEMBRO DE 2024

A ADVRSA – ÁGUAS DE VILA REAL DE SANTO ANTÓNIO, S.A., TORNA PÚBLICOS OS RESULTADOS REFERENTES ÀS ANÁLISES EFETUADAS NA REDE PÚBLICA DE ABASTECIMENTO DE ÁGUA, RELATIVOS AO QUARTO TRIMESTRE DO ANO 2024, NA ZONA DE ABASTECIMENTO 2 – FREGUESIA DE VILA NOVA DE CACELA.  
A PRESENTE INFORMAÇÃO VEM DAR CUMPRIMENTO AO DECRETO-LEI N.º 69/2023 DE 21 DE AGOSTO, DIPLOMA QUE PERMITE AVALIAR O GRAU DE CUMPRIMENTO DAS NORMAS DE QUALIDADE DA ÁGUA.

Parâmetro	Unidades	Valor Paramétrico	Nº Análises Agendadas	Nº Análises Realizadas	% Análises Realizadas	Valor Mínimo	Valor Máximo	Nº Análises Conformes	% Análises em Cumprimento da Legislação
Escherichia coli (E. coli)	UFC/100ml	0	9	9	100,0%	0	0	9	100,0%
Bactérias coliformes	UFC/100ml	0	9	9	100,0%	0	10	8 (**)	88,9%
Cloro residual	mg/L	-	9	9	100,0%	0.39	1.00	9	100,0%
Alumínio	µg/L Al	200	1	1	100,0%	28.6	28.6	1	100,0%
Número de colónias a 22 °C	UFC/ml	S/ alteração normal	1	1	100,0%	<1	<1	1	100,0%
Número de colónias a 37 °C	UFC/ml	S/ alteração normal	1	1	100,0%	<1	<1	1	100,0%
Condutividade a 20°C	µS/cm a 20°C	2500	1	1	100,0%	206	206	1	100,0%
Clostridium perfringens	UFC/100ml	0	1	1	100,0%	0	0	1	100,0%
Cor	mg/L PtCo	20	1	1	100,0%	<5 (LQ)	<5 (LQ)	1	100,0%
pH	Unidades de pH	≥6,5 e ≤9,5	1	1	100,0%	7.3 a 17°C	7.3 a 17°C	1	100,0%
Cheiro a 25°C	Factor de diluição	3	1	1	100,0%	<1	<1	1	100,0%
Sabor a 25°C	Factor de diluição	3	1	1	100,0%	<1	<1	1	100,0%
Turvação	NTU	4	1	1	100,0%	<0,3 (LQ)	<0,3 (LQ)	1	100,0%
Ferro	µg/L Fe	200	1	1	100,0%	<10 (LQ)	<10 (LQ)	1	100,0%
Enterococos fecais	UFC/100ml	0	1	1	100,0%	0	0	1	100,0%
Amónio	mg/L NH <sub>4</sub>	0,5	0	0	---	---	---	0	---
Oxidabilidade	mg/L O <sub>2</sub>	5	0	0	---	---	---	0	---
Nitritos	mg/L NO <sub>2</sub>	0,5	0	0	---	---	---	0	---
Benzo(a)pireno	µg/L	0,01	0	0	---	---	---	0	---
Potássio	mg/L K	-	0	0	---	---	---	0	---
Manganês	µg/L Mn	50	0	0	---	---	---	0	---
Cálcio	mg/L Ca	-	0	0	---	---	---	0	---
Chumbo	µg/L Pb	10	0	0	---	---	---	0	---
Cobre	mg/L Cu	2	0	0	---	---	---	0	---
Cromio	µg/L Cr	25	0	0	---	---	---	0	---
Cloratos	mg/L ClO <sub>3</sub>	0,25	0	0	---	---	---	0	---
Clorito	mg/L ClO <sub>2</sub>	0,25	0	0	---	---	---	0	---
Dureza total	mg/L CaCO <sub>3</sub>	-	0	0	---	---	---	0	---
Magnésio	mg/L Mg	-	0	0	---	---	---	0	---
Níquel	µg/L Ni	20	0	0	---	---	---	0	---
Hidrocarbonetos aromáticos	µg/L	0,1	0	0	---	---	---	0	---
Benzo(b)fluoranteno	µg/L	-	0	0	---	---	---	0	---
Benzo(k)fluoranteno	µg/L	-	0	0	---	---	---	0	---
Benzo(ghi)perileno	µg/L	-	0	0	---	---	---	0	---
Indeno(1,2,3-cd)pireno	µg/L	-	0	0	---	---	---	0	---
Tri-halometanos total	µg/L	100	0	0	---	---	---	0	---
Clorofórmio	µg/L	-	0	0	---	---	---	0	---
Bromofórmio	µg/L	-	0	0	---	---	---	0	---
Dibromoclorometano	µg/L	-	0	0	---	---	---	0	---
Bromodichlorometano	µg/L	-	0	0	---	---	---	0	---
Antimónio (*)	µg/L Sb	10	0	0	---	---	---	0	---
Arsénio (*)	µg/L As	10	0	0	---	---	---	0	---
Bentazona (*)	µg/L	0,1	0	0	---	---	---	0	---
Benzeno (*)	µg/L	1	0	0	---	---	---	0	---
Boro total (*)	mg/L B	1,5	0	0	---	---	---	0	---
Bromatos (*)	µg/L BrO <sub>3</sub>	10	0	0	---	---	---	0	---
Cádmio total (*)	µg/L Cd	5	0	0	---	---	---	0	---
Cianetos (*)	µg/L CN	50	0	0	---	---	---	0	---
Cloretos (*)	mg/L Cl	250	0	0	---	---	---	0	---
Clorpirifos (*)	µg/L	0,1	0	0	---	---	---	0	---
Desetilsimazina (*)	µg/L	0,1	0	0	---	---	---	0	---
Desetilterbutilazina (*)	µg/L	0,1	0	0	---	---	---	0	---
Dimetenamida-P (*)	µg/L	0,1	0	0	---	---	---	0	---
Diurão (*)	µg/L	0,1	0	0	---	---	---	0	---
Dose indicativa total (*)	mSv/ano	0,1	0	0	---	---	---	0	---
Fluoretos (*)	mg/L F	1,5	0	0	---	---	---	0	---
Imidaclopride (*)	µg/L	0,1	0	0	---	---	---	0	---
Linurão (*)	µg/L	0,1	0	0	---	---	---	0	---
M656PH051	µg/L	0,1	0	0	---	---	---	0	---
Mecoprope (*)	µg/L	0,1	0	0	---	---	---	0	---
Merúrio (*)	µg/L Hg	1	0	0	---	---	---	0	---
Metolaclo (*)	µg/L	0,1	0	0	---	---	---	0	---
Metribuzina (*)	µg/L	0,1	0	0	---	---	---	0	---
Nitratos (*)	mg/L NO <sub>3</sub>	50	0	0	---	---	---	0	---
Pesticidas - total (*)	µg/L	0,5	0	0	---	---	---	0	---
Selénio (*)	µg/L Se	20	0	0	---	---	---	0	---
Simazina (*)	µg/L	0,1	0	0	---	---	---	0	---
Sódio (*)	mg/L Na	200	0	0	---	---	---	0	---
Sulfatos (*)	mg/L SO <sub>4</sub>	250	0	0	---	---	---	0	---
Terbutilazina (*)	µg/L	0,1	0	0	---	---	---	0	---
Tetracloroeteno (*)	µg/L	-	0	0	---	---	---	0	---
Tetracloroeteno e tricloroeteno (*)	µg/L	10	0	0	---	---	---	0	---
Tricloroeteno (*)	µg/L	-	0	0	---	---	---	0	---
1,2 dicloroeteno (*)	µg/L	3	0	0	---	---	---	0	---

(\*) Parâmetro conservativo analisado pela Entidade Gestora em alta, Águas do Algarve, S.A.;

(\*\*) Na sequência do incumprimento registado, foram realizadas análises de verificação que confirmaram a qualidade e segurança da água distribuída;

Lista de abreviaturas: N.E. – Número estimado; U.F.C. – Unidades formadoras de colónias; L.Q. – Limite de quantificação; L.D. – limite de deteção; V.L. – Valor Limite; V.R. – Valor Recomendado; V.P. – Valor Paramétrico; C – Conforme; A – Aceitável; N.C. – Não Conforme; Unid. - Unidade; D.O. – Densidade óptica; Av. C. - Avaliação de Conformidade; N.M.P. – Número Mais Provável; P.F.C. – Propósito de Formação de Colónias; U – Incerteza expandida; E.U. – Unidades de Endotoxina; (k) – presença de microrganismos inferior a 3 x diluição (quando aplicável);

Vila Real de Santo António, 25 de Fevereiro de 2025

Igor M. Madeira  
Director de Exploração