

**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO 2º TRIMESTRE**  
**CÂMARA MUNICIPAL DE MACEDO DE CAVALEIROS**  
**CONCELHO DE MACEDO DE CAVALEIROS**  
**ZONA DE ABASTECIMENTO: ETA DO AZIBO (Amendoeira, Castro Roupal, Ferreira, Lamas, Morais, Nogueirinha, Talhinhas, Vale- Pradinhos)**  
**2023**

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	9	9	100%
Bactérias coliformes	0	N/100 ml	0	>100	1	89%	9	9	100%
Desinfetante residual	---	mg/l	0,2	0,4	---	100%	9	9	100%
Cheiro a 25 °C	3	Fator de diluição	<1	<1	0	100%	7	7	100%
Sabor a 25 °C	3	Fator de diluição	<1	<1	0	100%	7	7	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,5	7,7	0	100%	7	7	100%
Condutividade	2500	µS/cm a 20 °C	49	340	0	100%	7	7	100%
Cor	20	mg/l PtCo	<5	<5	0	100%	7	7	100%
Turvação	4	UNT	<0,5	<0,5	0	100%	7	7	100%
Enterococos	0	N/100 ml	0	0	0	100%	7	7	100%
Número de colónias a 22 °C	---	N/ml	0	0	---	---	7	7	100%
Número de colónias a 36 °C	---	N/ml	0	0	---	---	7	7	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	7	7	100%
Alumínio	200	µg/L Al	<30	70,8	0	100%	7	7	100%
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	---	---	---
Antimónio *	5,0	µg/l Sb	<0,5	<0,5	0	100%	1	1	100%
Arsénio	10	µg/l As	1,7	1,7	0	100%	1	1	100%
Benzeno*	1,0	µg/l	<0,20	<0,20	1	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro*	1,0	mg/l B	0,006	0,006	0	100%	1	1	100%
Bromatos*	10	µg/l BrO <sub>3</sub>	<2,0	<2,0	0	100%	1	1	100%
Cádmio*	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	---	---	---
Cianetos*	50	µg/l CN	<5	<5	0	100%	1	1	100%
Cloretos *	250	mg/l Cl	11	11	0	100%	1	1	100%
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio*	50	µg/l Cr	<0,5	<0,5	0	100%	1	1	100%
1,2 - dicloroetano*	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Dureza total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	<40	<40	0	100%	7	7	100%
Fluoretos*	1,5	mg/l F	<0,10	<0,10	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Po	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	<10	10,5	0	100%	7	7	100%
Nitratos*	50	mg/l NO <sub>3</sub>	2,3	2,3	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	---
Mercurio**	1,0	µg/l Hg	0	0	0	0%	0	0	0%
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O <sub>2</sub>	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	---
Dimetoato*	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Imidaclopride*	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
MCPA*	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Terbutilazina*	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metribuzina*	1,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Omeotoato*	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato*	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Desetilterbutilazina*	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Selénio*	10	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio*	200	mg/l Na	11	11	0	100%	1	1	100%
Sulfatos	250	mg/l SO <sub>4</sub>	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroetenc	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno*	---	µg/l	<0,20	<0,20	---	---	1	1	100%
Tricloroeteno*	---	µg/l	<0,10	<0,10	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa *	0,10	mSv	<0,10	<0,10	0	100%	1	1	100%
α Total*	---	Bq/l	0,07	0,07	0	100%	1	1	100%
Radão	500	Bq/l	---	---	---	---	---	---	---

Causa: Dosagem inadequada de reagente; Medida: Correção da dosagem de reagente no tratamento.

\* Parametros Conservativos

\*\*Segundo Edital da E.G AdNorte, a análise em falta face ao previsto, parâmetro mercúrio, foi agendada para o mês de agosto, com a determinação do controlo Cl completo. Desta forma, garantimos o cumprimento do número de análises regulamentares (análises obrigatórias).

Responsável:

Data da publicação no website: 23/08/2023