



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO  
CONCELHO DE SOBRAL DE MONTE AGRAÇO

ZONA DE ABASTECIMENTO:

ZA1 - Zona de Abastecimento de Sobral de Monte Agraço<sup>1</sup>

3.º TRIMESTRE 2023  
(01/07/2023 a 30/09/2023)

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 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).

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%	6	6	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	6	6	100%
Desinfetante residual (mg/L)	---	0,2	0,5	---	---	6	6	100%
Alumínio (µg/L Al)	200	< 50	0	0	100%	3	3	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	---	---	---	3	3	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	---	---	---	3	3	100%
Condutividade (µS/cm a 20°C)	2500	259	286	0	100%	3	3	100%
Clostridium perfringens (N/100 ml)	0	0	0	0	100%	3	3	100%
Cor (mg/L PtCo)	20	< 5	0	0	100%	3	3	100%
pH (unidades de pH)	≥6,5 e ≤9,5	7,1	8,4	0	100%	3	3	100%
Ferro (µg/L Fe)	200	< 50	0	0	100%	3	3	100%
Cheiro a 25°C (Factor de diluição)	3	< 3	0	0	100%	3	3	100%
Sabor a 25°C (Factor de diluição)	3	< 3	0	0	100%	3	3	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	< 1,0	0	0	100%	3	3	100%
Enterococos (N/100 mL)	0	0	0	0	100%	3	3	100%
Manganês (µg/L Mn)	50	< 10	0	0	100%	3	3	100%
Turvação (UNT)	4	< 0,7	1,4	0	100%	3	3	100%
Antimónio <sup>2+</sup> (µg/L Sb)	5	---	---	---	---	---	---	---
Amónio (mg/L NH <sub>4</sub> )	0,50	< 0,05	0	0	100%	1	1	100%
Arsénio <sup>2+</sup> (µg/L As)	10	---	---	---	---	---	---	---
Benzeno <sup>2+</sup> (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,0050	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)	---	38,1	---	---	---	1	1	100%
Chumbo (µg/L Pb)	10	< 3	0	0	100%	1	1	100%
Cianetos <sup>2-</sup> (µg/L Cn)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	< 0,010	0	0	100%	1	1	100%
Crómio (µg/L Cr)	50	< 10	0	0	100%	1	1	100%
Cloretos <sup>2-</sup> (mg/L Cl)	250	---	---	---	---	---	---	---
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO <sub>3</sub> )	---	108	---	---	---	1	1	100%
Fluoretos <sup>2-</sup> (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	3,2	---	---	---	1	1	100%
Mercurio <sup>2+</sup> (µg/L Hg)	1,0	---	---	---	---	---	---	---
Nitratos <sup>2-</sup> (mg/L NO <sub>3</sub> )	50	---	---	---	---	---	---	---
Nitritos (mg/L NO <sub>2</sub> )	0,5	< 0,02	0	0	100%	1	1	100%
Níquel (µg/L Ni)	20	< 5	0	0	100%	1	1	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	< 1	0	0	100%	1	1	100%
Selénio <sup>2+</sup> (µg/L Se)	10	---	---	---	---	---	---	---
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)	0,10	---	---	---	---	---	---	---
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 Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano <sup>2</sup> (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano <sup>2</sup> (µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,020	0	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	< 0,020	---	---	---	1	1	100%
Trihalometanos - total (µg/L):	100	46,6	0	0	100%	1	1	100%
Clorofórmio(µg/L)	---	20,1	---	---	---	1	1	100%
Bromofórmio(µg/L)	---	2,1	---	---	---	1	1	100%
Bromodichlorometano(µg/L)	---	14,7	---	---	---	1	1	100%
Dibromochlorometano(µg/L)	---	9,69	---	---	---	1	1	100%
Pesticidas - total <sup>2</sup> (µg/L)	0,50	---	---	---	---	---	---	---
Acloro <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Atrazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Bentazona <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Desetilatrizina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Desetilsimazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Desetilterbutilazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Dimetenamida-P <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Dimetoto <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Diurão <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Imidaclopride <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Isoproturão <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Linurão <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
MCPA <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Metaxil-M <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
S-Metolacloprato <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Metribuzina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Ometoto <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Oxamil <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Simazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina <sup>2</sup> (µg/L)	0,10	---	---	---	---	---	---	---

Nota 1: Zona de Abastecimento controlada: ZA1 - Zona de Abastecimento de Sobral de Monte Agraço (Pontos de amostragem: Cabêda (casa particular - Rua da Bela Vista), Martim Afonso (café - Largo de Santo Amaro), Molhados (casa particular - Avenida 25 de Abril), Outeiro (casa particular - Rua Vieira), Sapataria (restaurante - Avenida Nossa Senhora da Purificação), Serreira (casa particular - Rua Fonte do Arranco)).

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 Presidente da Câmara, José Alberto Quintino, Eng.º

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