



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 Agraço¹

2.º TRIMESTRE 2022
(01/04/2022 a 30/06/2022)

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)	---	0,20	0,70	---	---	6	6	100%
Alumínio (µg/L Al)	200	< 50	---	0	100%	3	3	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	10	---	---	3	3	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	10	---	---	3	3	100%
Condutividade (µS/cm a 20°C)	2500	168,1	263	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	7,9	0	100%	3	3	100%
Ferro (µg/L Fe)	200	< 50	---	0	100%	3	3	100%
Chelro 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 ₂)	5	0,8	1,65	0	100%	3	3	100%
Enterococos (N/100 mL)	0	0	0	0	100%	3	3	100%
Manganés (µg/L Mn)	50	< 10	---	0	100%	3	3	100%
Turbidez (UNT)	4	< 0,70	---	0	100%	3	3	100%
Antimónio ²⁺ (µg/L Sb)	5	---	---	---	---	---	---	---
Amónio (mg/L NH ₄)	0,50	< 0,05	---	0	100%	1	1	100%
Arsénio ²⁺ (µg/L As)	10	---	---	---	---	---	---	---
Benzeno ²⁺ (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,0050	---	0	100%	1	1	100%
Boro ²⁺ (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos ²⁺ (µg/L BrO ₃)	10	---	---	---	---	---	---	---
Cádmio ²⁺ (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	38	---	---	---	1	1	100%
Chumbo (µg/L Pb)	10	< 3,0	---	0	100%	1	1	100%
Cianetos ²⁻ (µg/L Cn)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	< 0,010	---	0	100%	1	1	100%
Crómio (µg/L Cr)	50	< 10,0	---	0	100%	1	1	100%
Cloretos ²⁻ (mg/L Cl)	250	---	---	---	---	---	---	---
1,2 - dicloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	117	---	---	---	1	1	100%
Fluoretos ²⁻ (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	5,4	---	---	---	1	1	100%
Mercúrio ²⁺ (µg/L Hg)	1,0	---	---	---	---	---	---	---
Nitratos ²⁻ (mg/L NO ₃)	50	---	---	---	---	---	---	---
Nitritos ²⁻ (mg/L NO ₂)	0,5	0,0199	---	0	100%	1	1	100%
Níquel (µg/L Ni)	20	< 5,0	---	0	100%	1	1	100%
Selénio ²⁺ (µg/L Se)	10	---	---	---	---	---	---	---
Sódio ²⁺ (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	---	---	---	---	---	---	---
Radão (Bq/L)	500	0,0	---	0,0	100%	1	1	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%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Benzo(a)pireno (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	21,8	---	0	100%	1	1	100%
Clorofórmio (µg/L)	---	5,93	---	---	---	1	1	100%
Bromofórmio (µg/L)	---	2,23	---	---	---	1	1	100%
Bromodiflorometano (µg/L)	---	6,56	---	---	---	1	1	100%
Dibromoclorometano (µg/L)	---	7,05	---	---	---	1	1	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	---	---	---	---	---	---	---
Desetilbtrazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetilsimazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetiltebuchiazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Dimetostat ² (µg/L)	0,10	---	---	---	---	---	---	---
Diurão ² (µg/L)	0,10	---	---	---	---	---	---	---
Imidacloprido ² (µg/L)	0,10	---	---	---	---	---	---	---
Iproprorurac ² (µg/L)	0,10	---	---	---	---	---	---	---
Lipurac ² (µg/L)	0,10	---	---	---	---	---	---	---
MCPA ² (µg/L)	0,10	---	---	---	---	---	---	---
Metabaz ² (µg/L)	0,10	---	---	---	---	---	---	---
Metolaclo ² (µg/L)	0,10	---	---	---	---	---	---	---
Ometoxo ² (µg/L)	0,10	---	---	---	---	---	---	---
Oxamil ² (µg/L)	0,10	---	---	---	---	---	---	---
Simazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Terbutiazina ² (µg/L)	0,10	---	---	---	---	---	---	---

Nota 1: Zona de Abastecimento controlada: ZA1 - Zona de Abastecimento de Sobral de Monte Agraço [Pontos de amostragem: Associação Popular de Sobral de Monte Agraço (Rua Manuel Pedro Cardoso - Sobral de Monte Agraço); Patameira de Cima (casa particular - Rua do Bairro Novo); Jardim de Infância de Pontes de Monfalim (Pontes de Monfalim); Moitelas (café - Avenida Principal); Molhados (casa particular - Avenida 25 de Abril); Refeitório da Câmara Municipal (Sobral de Monte Agraço)].

Nota 2: Parâmetros (conservativos) analisados pela entidade gestora "cm 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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