



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

ZONA DE ABASTECIMENTO:

ZA2 - Zona de Abastecimento de Casais de S. Martinho¹

4.º TRIMESTRE 2023
(01/10/2023 a 31/12/2023)

Em conformidade com a legislação em vigor no período de colheita identificado (a partir de 22 de agosto, o Decreto-Lei nº69/2023, de 21 de agosto), 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%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,1	0,2	---	---	2	2	100%
Alumínio (µg/L Al)	200	< 50	---	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	10	---	---	100%	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	6	---	---	100%	1	1	100%
Condutividade (µS/cm a 20°C)	2500	193	0	0	100%	1	1	100%
Clostridium perfringens (N/100 ml)	0	< 5	0	0	100%	1	1	100%
Cor (mg/L PtCo)	≥6,5 e ≤9,5	7,8	0	0	100%	1	1	100%
pH (unidades de pH)	---	< 50	0	0	100%	1	1	100%
Ferro (µg/L Fe)	200	< 3	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%
Oxidabilidade (mg/L O ₂)	5	< 1	0	0	100%	1	1	100%
Enterococos (N/100 mL)	0	< 10	0	0	100%	1	1	100%
Manganês (µg/L Mn)	50	< 0,7	0	0	100%	1	1	100%
Turvação (UNT)	4	< 0,50	0	0	100%	2	2	100%
Antimônio ³ (µg/L Sb)	5	< 0,50	---	---	---	---	---	---
Amónio (mg/L NH ₄)	0,50	< 0,50	0	0	100%	2	2	100%
Arsénio ³ (µg/L As)	10	< 0,30	0	0	100%	2	2	100%
Benzeno ² (µg/L)	1,0	< 0,30	0	0	100%	2	2	100%
Benzo(a)pireno (µg/L)	0,010	< 0,02	0	0	100%	2	2	100%
Bromoformo ² (µg/L BrO ₂)	1,0	< 3	0	0	100%	2	2	100%
Cromatos ² (µg/L CrO ₄)	10	< 0,50	0	0	100%	2	2	100%
Cádmio (µg/L Cd)	5,0	< 0,50	---	---	---	---	---	---
Calcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	< 5	0	0	100%	2	2	100%
Cianetos ² (µg/L Cn)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Cloretos ² (mg/L Cl)	250	13,7	17,3	0	100%	2	2	100%
1,2-dicloroetano ² (µg/L)	3,0	< 0,10	0	0	100%	2	2	100%
Dureza total (mg/L CaCO ₃)	---	< 0,1	0	0	100%	2	2	100%
Fluoretos ² (mg/L F)	1,5	< 0,1	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercurio ² (µg/L Hg)	1,0	< 0,20	0	0	100%	2	2	100%
Nitratos ² (mg/L NO ₃)	50	2,37	2,79	0	100%	2	2	100%
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	< 2	0	0	100%	2	2	100%
Selénio ² (µg/L Se)	10	< 2	0	0	100%	2	2	100%
Sódio ² (mg/L Na)	200	10,7	13,4	0	100%	2	2	100%
Sulfatos ² (mg/L SO ₄)	250	22,1	28,4	0	100%	2	2	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	< 0,10	0	0	100%	2	2	100%
Dose indicativa total ² (mSv/ano)	0,10	< 0,04	0	0	100%	2	2	100%
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	< 1,0	0	0	100%	2	2	100%
Soma Tetracloroetano e Tricloroetano ² (µg/L)	10	< 1,0	---	---	---	2	2	100%
Tetracloroetano ² (µg/L)	---	< 1,0	---	---	---	2	2	100%
Tricloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Árocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(a)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno (µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Clorofórmio (µg/L)	---	---	---	---	---	---	---	---
Bromofórmio (µg/L)	---	---	---	---	---	---	---	---
Bromodichlorometano (µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano (µg/L)	---	---	---	---	---	---	---	---
Pesticidas - total ² (µg/L)	0,50	< 0,030	0	0	100%	2	2	100%
Abacinto ² (µg/L)	0,10	---	---	---	---	2	2	100%
Azin ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Bentazona ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Clorpirifos ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Desmetilatrazina ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Desmetilsimazina ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Desetilatrazina ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Dimetipamida-P ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Dimetato ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Diquat ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Imidacloprid ² (µg/L)	0,10	---	---	---	---	---	---	---
Isoprotrurid ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Lincro ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
MCPA ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Metabolf ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
S-Metolal ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Metribuzin ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Ometoato ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Ormet ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Simazina ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Terbutilazina ² (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%

Nota 1: Zona de Abastecimento controlada: ZA2 - Zona de Abastecimento de Casais de S. Martinho (Pontos de amostragem: Rua das Flores (casa particular); Rua de S. Martinho (casa particular)).

Nota 2: Parâmetros (conservativos) fornecidos pela entidade gestora "em Alta": SMAS de Mafra.

Nota: Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Não foram registados incumprimentos neste trimestre.