



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. Martinho<sup>1</sup>

1.º TRIMESTRE 2020  
(01 de Janeiro a 31 de Março)

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%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,2	0,4	---	---	2	2	100%
Alumínio (µg/L Al)	200	< 50	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	---	---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	---	---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	130	0	0	100%	1	1	100%
Clostridium perfringens (N/100 ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	< 5	0	0	100%	1	1	100%
pH (unidades de pH)	≥6,5 e ≤9,5	8,5	0	0	100%	1	1	100%
Ferro (µg/L Fe)	200	< 50	0	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	< 1	0	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	< 1	0	0	100%	1	1	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	1,8	0	0	100%	1	1	100%
Enterococos (N/100 ml)	0	0	0	0	100%	1	1	100%
Manganês (µg/L Mn)	50	< 5	0	0	100%	1	1	100%
Turbacão (UNT)	4	< 0,4	0	0	100%	1	1	100%
Antimónio <sup>2</sup> (µg/L Sb)	5	< 0,500	0	0	100%	2	2	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	---	---	---
Arsénio <sup>2</sup> (µg/L As)	10	< 0,500	0	0	100%	2	2	100%
Benzeno <sup>2</sup> (µg/L)	1,0	< 0,30	0	0	100%	2	2	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Boro <sup>2</sup> (mg/L B)	1,0	< 0,02	0	0	100%	2	2	100%
Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )	10	< 1	0	0	100%	2	2	100%
Cádmio <sup>2</sup> (µg/L Cd)	5,0	< 0,500	0	0	100%	2	2	100%
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cianetos <sup>2</sup> (µg/L Cn)	50	< 5,00	0	0	100%	2	2	100%
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Cloretos <sup>2</sup> (mg/L Cl)	250	16,3	20,4	0	100%	2	2	100%
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	< 0,10	0	0	100%	2	2	100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	---	---	---	---	---	---	---
Fluoretos <sup>2</sup> (mg/L F)	1,5	< 0,1	0	0	100%	2	2	100%
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercurio <sup>2</sup> (µg/L Hg)	1,0	< 0,200	0	0	100%	2	2	100%
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	3,19	3,23	0	100%	2	2	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Selénio <sup>2</sup> (µg/L Se)	10	< 2,00	0	0	100%	2	2	100%
Sódio <sup>2</sup> (mg/L Na)	200	13,0	15,70	0	100%	2	2	100%
Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )	250	29,8	39,0	0	100%	2	2	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Dose indicativa total <sup>2</sup> (mSv/ano)	0,10	< 0,1	0	0	100%	2	2	100%
Actividade alfa total <sup>2</sup> (referida a Am) (Bq/L)	0,1	< 0,025	0	0	100%	2	2	100%
Actividade beta total <sup>2</sup> (referida a K) (Bq/L)	1,0	---	---	---	---	---	---	---
Radão (Bq/L)	500	---	---	---	---	---	---	---
Soma Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L):	10	< 1,0	0	0	100%	2	2	100%
Tetracloroetano <sup>2</sup> (µg/L)	---	< 0,10	---	---	---	2	2	100%
Tricloroetano <sup>2</sup> (µg/L)	---	< 1,0	---	---	---	2	2	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(ghi)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)	---	---	---	---	---	---	---	---
Dibromochlorometano (µg/L)	---	---	---	---	---	---	---	---
Pesticidas - total <sup>2</sup> (µg/L)	0,50	< 0,030	0	0	100%	2	2	100%
Alacloro <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Atrazina <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Bentazona <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Clorpirifos <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Desetilatrazina <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Desetilsimazina <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Desetilterbutilazina <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Dimetoato <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Diurão <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Imidaclopride <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Isoproturão <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Inurão <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
MCPA <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Metalaxil <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Metolaclo <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Ometoato <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Oxamil <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Simazina <sup>2</sup> (µg/L)	0,10	< 0,030	0	0	100%	2	2	100%
Terbutilazina <sup>2</sup> (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: Avenida Principal (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.

O Presidente da Câmara, José Alberto Quintino, Eng.º

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