

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).

4.º TRIMESTRE 2019
(1 de Outubro a 31 de Dezembro)

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%	1	1	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
Desinfetante residual (mg/L)	---	0,4	---	---	---	1	1	100%
Alumínio (µg/L Al)	200	70	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	1	---	---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	2	---	---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	200	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	180	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 ₂)	5	< 1,5	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	1,0	0	0	100%	1	1	100%
Antimónio ² (µg/L Sb)	5	< 0,500	0	0	100%	3	3	100%
Amónio (mg/L NH ₄)	0,50	---	---	---	---	---	---	---
Arsénio ² (µg/L As)	10	0,500	0	0	100%	3	3	100%
Benzeno ² (µg/L)	1,0	< 0,30	0	0	100%	3	3	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Boro ² (mg/L B)	1,0	< 0,02	0	0	100%	3	3	100%
Bromatos ² (µg/L BrO ₃)	10	< 10,0	0	0	100%	3	3	100%
Cádmio ² (µg/L Cd)	5,0	< 0,500	0	0	100%	3	3	100%
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cianetos ² (µg/L Cn)	50	< 5,00	0	0	100%	3	3	100%
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Cloretos ² (mg/L Cl)	250	< 15,0	23,6	0	100%	3	3	100%
1,2 - dicloroetano ² (µg/L)	3,0	< 0,10	0	0	100%	3	3	100%
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	---	---	---
Fluoretos ² (mg/L F)	1,5	< 0,1	0	0	100%	3	3	100%
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercurio ² (µg/L Hg)	1,0	< 0,200	0	0	100%	3	3	100%
Nitratos ² (mg/L NO ₃)	50	2,26	2,54	0	100%	3	3	100%
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Selénio ² (µg/L Se)	10	< 2,00	0	0	100%	3	3	100%
Sódio ² (mg/L Na)	200	10,7	18,8	0	100%	3	3	100%
Sulfatos ² (mg/L SO ₄)	250	22,9	46,4	0	100%	3	3	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Dose indicativa total ² (mSv/ano)	0,10	< 0,1	0	0	100%	3	3	100%
Actividade alfa total ² (referida a Am) (Bq/L)	0,1	< 0,025	0	0	100%	3	3	100%
Actividade beta total ² (referida a K) (Bq/L)	1,0	0,042	0,077	0	100%	3	3	100%
Radão (Bq/L)	500	---	---	---	---	---	---	---
Soma Tetracloroetano e Tricloroetano ² (µg/L):	10	< 1,0	0	0	100%	3	3	100%
Tetracloroetano ² (µg/L)	---	< 0,10	---	---	---	3	3	100%
Tricloroetano ² (µg/L)	---	< 1,0	---	---	---	3	3	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)	---	---	---	---	---	---	---	---
Dibromodichlorometano (µg/L)	---	---	---	---	---	---	---	---
Pesticidas - total ² (µg/L)	0,50	< 0,07	0	0	100%	3	3	100%
Alacloro ² (µg/L)	0,10	< 0,06	0	0	100%	3	3	100%
Atrazina ² (µg/L)	0,10	< 0,060	0	0	100%	3	3	100%
Bentazona ² (µg/L)	0,10	< 0,050	0	0	100%	3	3	100%
Clorpirifos ² (µg/L)	0,10	< 0,05	0	0	100%	3	3	100%
Desetilatrazina ² (µg/L)	0,10	< 0,035	0	0	100%	3	3	100%
Desetilsimazina ² (µg/L)	0,10	< 0,07	0	0	100%	3	3	100%
Desetilterbutilazina ² (µg/L)	0,10	< 0,030	0	0	100%	3	3	100%
Dimetoato ² (µg/L)	0,10	< 0,030	0	0	100%	3	3	100%
Diurão ² (µg/L)	0,10	< 0,045	0	0	100%	3	3	100%
Imidaclopride ² (µg/L)	0,10	< 0,030	0	0	100%	3	3	100%
Isoproturão ² (µg/L)	0,10	< 0,030	0	0	100%	3	3	100%
Linurão ² (µg/L)	0,10	< 0,030	0	0	100%	3	3	100%
MCPA ² (µg/L)	0,10	< 0,050	0	0	100%	3	3	100%
Metalaxil ² (µg/L)	0,10	< 0,06	0	0	100%	3	3	100%
Metolaclo ² (µg/L)	0,10	< 0,06	0	0	100%	3	3	100%
Ometoato ² (µg/L)	0,10	< 0,050	0	0	100%	3	3	100%
Oxamil ² (µg/L)	0,10	< 0,05	0	0	100%	3	3	100%
Simazina ² (µg/L)	0,10	< 0,060	0	0	100%	3	3	100%
Terbutilazina ² (µg/L)	0,10	< 0,07	0	0	100%	3	3	100%

Nota 1: Zona de Abastecimento controlada: ZA2 - Zona de Abastecimento de Casais de S. Martinho (Ponto de amostragem: Rua de S. Martinho (casa particular)).

Nota 2: Parâmetros (conservativos) analisados pela entidade gestora em alta: Águas de Mafra até 31-08-2019 e a partir de 01-09-2019, 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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