

Água de Mafra, boa para beber

MAPA DE DIVULGAÇÃO DOS RESULTADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MAFRA	3.º Trimestre de 2019 (parcial) 01 de julho a 31 de agosto
ZONA DE ABASTECIMENTO CONTROLADA - Sobral da Abelheira	

Mapa elaborado em conformidade com o Decreto-Lei n.º 306/2007 de 27 de agosto revisto pelo Decreto-Lei n.º 152/2017 de 7 de dezembro, tendo-se procedido à verificação da qualidade da água da rede pública, através de análises periódicas, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela Entidade Reguladora dos Serviços de Águas e Resíduos (ERSAR)

Parâmetro (unidades)	Valor Paramétrico (VP)	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Alumínio (µg/L Al)	200	< 20		0	100%	3	3	100%
Amónio (mg/L NH ₄)	0,50	< 0,050		0	100%	1	1	100%
Bactérias coliformes (N/100 ml)	0	0		0	100%	14	14	100%
Benzo(a)pireno (µg/L)	0,010	< 0,002		0	100%	1	1	100%
Cálcio (mg/L Ca)	---	< 0,50		---	---	1	1	100%
Cheiro a 25°C (Fator de diluição)	3	< 1		0	100%	3	3	100%
Chumbo (µg/L Pb)	10	< 3		0	100%	1	1	100%
Cloro residual livre (mg/L)	---	0,2	0,68	---	---	14	14	100%
Clostridium perfringens (N/100ml)	0	0		0	100%	3	3	100%
Cobre (mg/L Cu)	2,0	0,015		0	100%	1	1	100%
Condutividade (µS/cm a 20°C)	2500	244	285	0	100%	3	3	100%
Cor (mg/L PtCo)	20	< 5		0	100%	3	3	100%
Crómio (µg/L Cr)	50	< 5		0	100%	1	1	100%
Dureza total (mg/L CaCO ₃)	---	< 6,0		---	---	1	1	100%
Enterococos (N/100 mL)	0	0		0	100%	3	3	100%
Escherichia coli (N/100 ml)	0	0		0	100%	14	14	100%
Ferro (µg/L Fe)	200	< 10		0	100%	3	3	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,005		0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	< 0,005		---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,002		---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	< 0,004		---	---	1	1	100%
Indeno(1,2,3-cd)pireno (µg/L)	---	< 0,004		---	---	1	1	100%
Magnésio (mg/L Mg)	---	< 0,50		---	---	1	1	100%
Manganés (µg/L Mn)	50	< 10		0	100%	1	1	100%
Níquel (µg/L Ni)	20	< 5		0	100%	1	1	100%
Nitritos (mg/L NO ₂)	0,5	< 0,020		0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	11	---	---	3	3	100%
Número de colónias a 36 °C (N/ml)	Sem alteração anormal	0	8	---	---	3	3	100%
Oxidabilidade (mg/L O ₂)	5	< 2,0		0	100%	1	1	100%
pH (Unidades de pH)	≥ 6,5 e ≤ 9,5	7,6	7,9	0	100%	3	3	100%
Radão (Bq/L)	500	< 10,0		0	100%	1	1	100%
Sabor a 25°C (Fator de diluição)	3	< 1		0	100%	3	3	100%
Trihalometanos - total (µg/L):	100	3		0	100%	1	1	100%
Bromodiclorometano (µg/L)	---	< 3		---	---	1	1	100%
Bromofórmio (µg/L)	---	< 3		---	---	1	1	100%
Clorofórmio (µg/L)	---	3		---	---	1	1	100%
Dibromoclorometano (µg/L)	---	< 3		---	---	1	1	100%
Turvação (NTU)	4	0,3		0	100%	3	3	100%

Parâmetros Conservativos

1,2 - dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos (µg/L BrO ₃)	10	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Mercurio (µg/L Hg)	1	---	---	---	---	---	---	---
Nitratos (mg/L NO ₃)	50	---	---	---	---	---	---	---
Parâmetros Radioativos:								
Atividade α Total (Bq/L)	0,10	---	---	---	---	---	---	---
Atividade β Total (Bq/L)	1,0	---	---	---	---	---	---	---
Dose Indicativa Total (mSv/ano)	0,10	---	---	---	---	---	---	---
Pesticidas - total (µg/L):	0,50	---	---	---	---	---	---	---
2,4-D (µg/L)	0,10	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Atrazina (µg/L)	0,10	---	---	---	---	---	---	---
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Cimoxanil (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos (µg/L)	0,10	---	---	---	---	---	---	---
Desetil-atrazina (µg/L)	0,10	---	---	---	---	---	---	---
Desetil-simazina (µg/L)	0,10	---	---	---	---	---	---	---
Desetiltbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Dimetoato (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	0,10	---	---	---	---	---	---	---
Imidaclopride (µg/L)	0,10	---	---	---	---	---	---	---
Isoprotrão (µg/L)	0,10	---	---	---	---	---	---	---
Linurão (µg/L)	0,10	---	---	---	---	---	---	---
MCPA (µg/L)	0,10	---	---	---	---	---	---	---
Metalaxil (µg/L)	0,10	---	---	---	---	---	---	---
Metolaclo (µg/L)	0,10	---	---	---	---	---	---	---
Ometoato (µg/L)	0,10	---	---	---	---	---	---	---
Oxamil (µg/L)	0,10	---	---	---	---	---	---	---
Simazina (µg/L)	0,10	---	---	---	---	---	---	---
Tebucozanol (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos (mg/L SO ₄)	250	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	---	---	---
Tetracloroeteno (µg/L)	---	---	---	---	---	---	---	---
Tricloroeteno (µg/L)	---	---	---	---	---	---	---	---

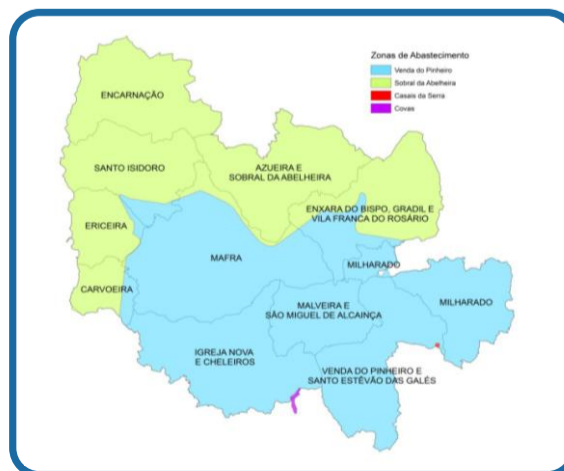
Parâmetros Conservativos: analisados pela entidade gestora em alta - EPAL (zona 3)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas):
Não se registou nenhum incumprimento neste trimestre.

Observações:

Para mais informações sobre dados da qualidade da água por zona de abastecimento, consulte os mapas no nosso site da internet em <http://www.mafra-bewater.com.pt/>

A Água distribuída pela Águas de Mafra apresentou uma boa qualidade, durante o período em questão, pelo que a mesma pode ser consumida com segurança.



ZONA DE ABASTECIMENTO	LOCALIDADES / FREGUESIAS ABRANGIDAS
Casas da Serra	Localidade: Casal do Borralho
Covas	Localidades: S. João das Covas e Casal Mosqueiro
Venda do Pinheiro	Freguesias: Mafra (exceto Picançoira de Cima, Casal da Amoreira e Casal da Ervideira), Milharado, União das Freguesias de Malveira e São Miguel de Alcañça, União das Freguesias de Igreja Nova e Cheleiros (exceto S. João das Covas e Casal Mosqueiro), União das Freguesias da Venda do Pinheiro e Santo Estêvão das Galés (exceto Casal do Borralho) Localidades de outras freguesias: Vila Franca do Rosário, Carapiteira, Picão, Casal Novo, Portela da Ginja, Urzal, Pinhal dos Frades, Carrasqueira, Bairro Alto, Póvoa de Baixo, Campos e Casais de Monte Bom
Sobral da Abelheira	Freguesias: Encarnação, Santo Isidoro (exceto Bairro Alto, Póvoa de Baixo, Campos e Casais de Monte Bom), União de Freguesias de Azeira e Sobral da Abelheira, Ericeira (exceto Urzal) e União de Freguesias da Enxara do Bispo, Gradil e Vila Franca do Rosário (exceto Vila Franca do Rosário, Carapiteira, Picão, Casal Novo e Portela da Ginja) Localidades da freguesia de Mafra: Picançoira de Cima, Casal da Amoreira e Casal da Ervideira

Responsável da Qualidade da Água:

Susana Caroço

Data: 16/12/2019

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