

Água de Mafra, boa para beber

MAPA DE DIVULGAÇÃO DOS RESULTADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MAFRA						2. º Trimestre de 2019 01 de abril a 30 de junho		
ZONA DE ABASTECIMENTO CONTROLADA - Covas								
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	---	---	---	---	---	---	---
Amónio (mg/L NH ₄)	0,50	---	---	---	---	---	---	---
Bactérias coliformes (N/100 ml)	0	0		0	100%	2	2	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Cheiro a 25°C (Fator de diluição)	3	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cloro residual livre (mg/L)	---	0,17	0,21	---	---	2	2	100%
Clostridium perfringens (N/100ml)	0	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Condutividade (µS/cm a 20°C)	2500	---	---	---	---	---	---	---
Cor (mg/L PtCo)	20	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	---	---	---
Enterococos (N/100 mL)	0	---	---	---	---	---	---	---
Escherichia coli (N/100 ml)	0	0		0	100%	2	2	100%
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
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)	---	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	---	---	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	---	---	---	---	---	---
Número de colónias a 36 °C (N/ml)	Sem alteração anormal	---	---	---	---	---	---	---
Oxidabilidade (mg/L O ₂)	5	---	---	---	---	---	---	---
pH (Unidades de pH)	≥ 6,5 e ≤ 9,5	---	---	---	---	---	---	---
Radão (Bq/L)	500	---	---	---	---	---	---	---
Sabor a 25°C (Fator de diluição)	3	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Bromodiclorometano (µg/L)	---	---	---	---	---	---	---	---
Bromoformio (µg/L)	---	---	---	---	---	---	---	---
Cloroformio (µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano (µg/L)	---	---	---	---	---	---	---	---
Turvação (NTU)	4	---	---	---	---	---	---	---
Parâmetros Conservativos								
1,2 – dicloroetano (µg/L)	3,0	< 1	0	100%	1	1	100%	
Antimónio (µg/L Sb)	5	< 1,0	0	100%	1	1	100%	
Arsénio (µg/L As)	10	< 1,0	0	100%	1	1	100%	
Benzeno (µg/L)	1,0	< 0,5	0	100%	1	1	100%	
Boro (mg/L B)	1,0	< 0,05	0	100%	1	1	100%	
Bromatos (µg/L BrO ₃)	10	< 3	0	100%	1	1	100%	
Cádmio (µg/L Cd)	5,0	< 0,4	0	100%	1	1	100%	
Cianetos (µg/L CN)	50	< 10	0	100%	1	1	100%	
Cloretos (mg/L Cl)	250	20	0	100%	1	1	100%	
Fluoretos (mg/L F)	1,5	< 0,1	0	100%	1	1	100%	
Mercurio (µg/L Hg)	1	< 0,05	0	100%	1	1	100%	
Nitratos (mg/L NO ₃)	50	2	0	100%	2	2	100%	
Parâmetros Radioativos:								
Atividade α Total (Bq/L)	0,10	< 0,04	0	100%	1	1	100%	
Atividade β Total (Bq/L)	1,0	< 0,1	0	100%	1	1	100%	
Dose Indicativa Total (mSv/ano)	0,10	< 0,1	0	100%	1	1	100%	
Pesticidas – total (µg/L):	0,50	< 0,03	0	100%	1	1	100%	
2,4-D (µg/L)	0,10	---	---	---	---	---	---	
Alacloro (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Atrazina (µg/L)	0,10	---	---	---	---	---	---	
Bentazona (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Cimoxanil (µg/L)	0,10	---	---	---	---	---	---	
Clorpirifos (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Desetil-atrazina (µg/L)	0,10	---	---	---	---	---	---	
Desetil-simazina (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Desetilterbutilazina (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Dimetoato (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Diurão (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Imidaclopride (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Isoprotrorão (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Linurão (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
MCPA (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Metalaxil (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Metolacloro (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Ometoato (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Oxamil (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Simazina (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Tebucozanol (µg/L)	0,10	---	---	---	---	---	---	
Terbutilazina (µg/L)	0,10	< 0,03	0	100%	1	1	100%	
Selénio (µg/L Se)	10	< 3,0	0	100%	1	1	100%	
Sódio (mg/L Na)	200	16	0	100%	1	1	100%	
Sulfatos (mg/L SO ₄)	250	25	0	100%	1	1	100%	
Tetracloroeteno e Tricloroeteno (µg/L):	10	< 3	0	100%	1	1	100%	
Tetracloroeteno (µg/L)	---	< 3	---	---	1	1	100%	
Tricloroeteno (µg/L)	---	< 1	---	---	1	1	100%	
Parâmetros Conservativos: analisados pela entidade gestora em alta - SMAS de Sintra								
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 sítio 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
Casais da Serra	Localidade: Casal do Borralho
Covas	Localidades: S. João das Covas e Casal Mosqueiro
Venda do Pinheiro	Freguesias: Mafra (exceto Picaneira de Cima, Casal da Amoreira e Casal da Ervideira), Milharado, União das Freguesias de Malveira e São Miguel de Alcainça, 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, Carvoeira (exceto Urzal), Ericeira (exceto Pinhal dos Frades e Carrasqueira), Santo Isidoro (exceto Bairro Alto, Póvoa de Baixo, Campos e Casais de Monte Bom) 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: Picaneira de Cima, Casal da Amoreira e Casal da Ervideira

Responsável da Qualidade da Água:
Susana Caróço
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