

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 setembro a 30 de setembro
ZONA DE ABASTECIMENTO CONTROLADA - Venda do Pinheiro	

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	32	36	0	100%	3	3	100%
Amónio (mg/L NH ₄)	0,50	---	---	---	---	---	---	---
Bactérias coliformes (N/100 ml)	0	0	76	1	90%	10	10	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	1,6	2,9	---	---	3	3	100%
Cheiro a 25°C (Fator de diluição)	3	< 1	---	0	100%	3	3	100%
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cloro residual livre (mg/L)	---	0,16	0,81	---	---	10	10	100%
Clostridium perfringens (N/100ml)	0	0	---	0	100%	3	3	100%
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Condutividade (µS/cm a 20°C)	2500	245	252	0	100%	3	3	100%
Cor (mg/L PtCo)	20	< 5	---	0	100%	3	3	100%
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	---	---	---
Enterococos (N/100 ml)	0	0	---	0	100%	3	3	100%
Escherichia coli (N/100 ml)	0	0	---	0	100%	10	10	100%
Ferro (µg/L Fe)	200	< 10	140	0	100%	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)	---	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	< 10	---	0	100%	3	3	100%
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	---	---	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	7	---	---	3	3	100%
Número de colónias a 36 °C (N/ml)	Sem alteração anormal	0	0	---	---	3	3	100%
pH (Unidades de pH)	≥ 6,5 e ≤ 9,5	7,4	7,9	0	100%	3	3	100%
Radão (Bq/L)	500	---	---	---	---	---	---	---
Sabor a 25°C (Fator de diluição)	3	< 1	---	0	100%	3	3	100%
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Bromodiorometano (µg/L)	---	---	---	---	---	---	---	---
Bromofórmio (µg/L)	---	---	---	---	---	---	---	---
Clorofórmio (µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano (µg/L)	---	---	---	---	---	---	---	---
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 ₂)	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:	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	---	---	---	---	---	---	---
Desetilterbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Dimetoato (µg/L)	0,10	---	---	---	---	---	---	---
Dirão (µg/L)	0,10	---	---	---	---	---	---	---
Imidaclopride (µg/L)	0,10	---	---	---	---	---	---	---
Isoprotrorão (µg/L)	0,10	---	---	---	---	---	---	---
Linurão (µg/L)	0,10	---	---	---	---	---	---	---
MCPA (µg/L)	0,10	---	---	---	---	---	---	---
Metaxil (µg/L)	0,10	---	---	---	---	---	---	---
Metolaclo (µg/L)	0,10	---	---	---	---	---	---	---
Ormetoato (µg/L)	0,10	---	---	---	---	---	---	---
Oxamil (µg/L)	0,10	---	---	---	---	---	---	---
Simazina (µg/L)	0,10	---	---	---	---	---	---	---
Tebuozanol (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	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano (µg/L)	---	---	---	---	---	---	---	---

Parâmetros Conservativos: analisados pelas entidades gestoras em alta - EPAL (Zonas 1 e 2)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas):
O incumprimento foi detetado numa colheita efetuada em Mafra no dia 09/09/2019. Para além deste resultado (76 NT/100 ml de Bactérias Coliformes, com um valor de cloro residual livre de 0,57), não foram detetados quaisquer valores não conformes nas análises de verificação das colheitas efetuadas em 17 de setembro.
As não conformidades foram tratadas de acordo com o estabelecido na legislação e recomendações da Autoridade Competente.
Não foram identificadas anomalias no abastecimento (intervenção/ocorrências) que pudessem potenciar esta ocorrência, no entanto, com base nas diligências efetuadas, provavelmente o incumprimento teve origem na rede predial, encontrando-se a situação normalizada.

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.smas-mafra.pt>

A Água distribuída pelos SMAS 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 Picança de Cima, Casal da Amoreira e Casal da Ervideira), Milharado, União das Freguesias de Malveira e São Miguel de Alcaíça, 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 Pinhal dos Frades e Carrasqueira), Carvoeira (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: Picança de Cima, Casal da Amoreira e Casal da Ervideira

Responsável da Qualidade da Água:
Susana Carçoço
Data: 16/12/2019