

Água de Mafra, boa para beber

| MAPA DE DIVULGAÇÃO DOS RESULTADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MAFRA | | | | | | | 4.º Trimestre de 2019 01 de outubro a 31 de dezembro | |
|--|------------------------|-----------------|--------|----------------------------|---------------------|---------------------|---|-----------------------|
| 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% | 5 | 5 | 100% |
| Amónio (mg/L NH ₄) | 0,50 | --- | --- | --- | --- | --- | --- | --- |
| Bactérias coliformes (N/100 mL) | 0 | 0 | | 0 | 100% | 21 | 21 | 100% |
| Benzo(a)pireno (µg/L) | 0,010 | --- | --- | --- | --- | --- | --- | --- |
| Cálcio (mg/L Ca) | --- | --- | --- | --- | --- | --- | --- | --- |
| Cheiro a 25°C (Fator de diluição) | 3 | < 1 | | 0 | 100% | 5 | 5 | 100% |
| Chumbo (µg/L Pb) | 10 | --- | --- | --- | --- | --- | --- | --- |
| Cloro residual livre (mg/L) | --- | 0,12 | 0,68 | --- | --- | 21 | 21 | 100% |
| Clostridium perfringens (N/100mL) | 0 | 0 | | 0 | 100% | 5 | 5 | 100% |
| Cobre (mg/L Cu) | 2,0 | --- | --- | --- | --- | --- | --- | --- |
| Condutividade (µS/cm a 20°C) | 2500 | 280 | 290 | 0 | 100% | 5 | 5 | 100% |
| Cor (mg/L PtCo) | 20 | < 5 | | 0 | 100% | 5 | 5 | 100% |
| Crómio (µg/L Cr) | 50 | --- | --- | --- | --- | --- | --- | --- |
| Dureza total (mg/L CaCO ₃) | --- | --- | --- | --- | --- | --- | --- | --- |
| Enterococos (N/100 mL) | 0 | 0 | | 0 | 100% | 5 | 5 | 100% |
| Escherichia coli (N/100 mL) | 0 | 0 | | 0 | 100% | 21 | 21 | 100% |
| Ferro (µg/L Fe) | 200 | < 10 | 92 | 0 | 100% | 5 | 5 | 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) | --- | --- | --- | --- | --- | --- | --- | --- |
| Manganés (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 | 0 | | --- | --- | 5 | 5 | 100% |
| Número de colónias a 36 °C (N/mL) | Sem alteração anormal | 0 | 4 | --- | --- | 5 | 5 | 100% |
| Oxidabilidade (mg/L O ₂) | 5 | --- | --- | --- | --- | --- | --- | --- |
| pH (Unidades de pH) | ≥ 6,5 e ≤ 9,5 | 7,3 | 7,8 | 0 | 100% | 5 | 5 | 100% |
| Radão (Bq/L) | 500 | --- | --- | --- | --- | --- | --- | --- |
| Sabor a 25°C (Fator de diluição) | 3 | < 1 | | 0 | 100% | 5 | 5 | 100% |
| Trihalometanos - total (µg/L): | 100 | --- | --- | --- | --- | --- | --- | --- |
| Bromodlorometano (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Bromofórmio (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Clorofórmio (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Dibromoclorometano (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Turvação (NTU) | 4 | < 0,3 | | 0 | 100% | 5 | 5 | 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): | | | | | | | | |
| 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): | | | | | | | | |
| Tetracloroeteno (µg/L) | 10 | --- | --- | --- | --- | --- | --- | --- |
| 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 sítio 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 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 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: Picançoira de Cima, Casal da Amoreira e Casal da Ervideira |

Responsável da Qualidade da Água:
Susana Caroço
Data: 06/03/2020

