

INFORMAÇÃO SOBRE QUALIDADE DA ÁGUA N.º 2 / 2019

Resultados do Controlo da Qualidade da Água para consumo humano do Concelho do Fundão

1º Trimestre do Ano de 2019

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, na **ZA Fundão** através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (N/100ml)	0	0	0	0	100%	9	9	100%
Bactérias Coliformes (N/100ml)	0	0	0	0	100%	9	9	100%
Desinfectante residual (mg Cl ₂ /L)	---	<0,05	1,1	---	---	9	9	100%
Cheiro, a 25°C (Fator de diluição)	3	<1	<1	0	100%	3	3	100%
Sabor, a 25°C (Fator de diluição)	3	<1	<1	0	100%	3	3	100%
pH (E. Sorensen)	≥6,5 e ≤9,5	7,1	7,4	0	100%	3	3	100%
Condutividade (µS/cm, a 20 °C)	2500	104	134	0	100%	3	3	100%
Cor (mg PtCo/L)	20	<5	<5	0	100%	3	3	100%
Turvação (UNT)	4	<0,3	<0,3	0	100%	3	3	100%
Enterococos fecais (N/100ml)	0	0	0	0	100%	3	3	100%
N.º Colónias 22°C (N/ml a 22°C)	s/ alter. anormal	N.D.	17	---	---	3	3	100%
N.º Colónias 36°C (N/ml a 36°C)	s/ alter. anormal	N.D.	N.D.	---	---	3	3	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	3	3	100%
Alumínio (µg Al/L)	200	<20	<20	0	100%	3	3	100%
Amónio (mg NH ₄ /L)	0,50	---	---	---	---	0	0	---
Antimónio (µg Sb/L)	5,0	---	---	---	---	0	0	---
Arsénio ¹ (µg As/L)	10	---	<1,0	0	100%	1	1	100%
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg B/L)	1,0	---	---	---	---	0	0	---
Bromato (µg BrO ₃ /L)	10	---	---	---	---	0	0	---
Cádmio (µg Cd/L)	5,0	---	---	---	---	0	0	---
Cálcio (mg Ca/L)	---	---	---	---	---	0	0	---
Carbono Orgânico Total (mg C/L)	Sem alter. anormal	---	---	---	---	0	0	---
Cianeto (µg CN/L)	50	---	---	---	---	0	0	---
Cloreto (mg Cl/L)	250	---	---	---	---	0	0	---
Clorito (mg ClO ₂ /L)	0,7	---	---	---	---	---	---	---
Clorato (mg ClO ₃ /L)	0,7	---	---	---	---	---	---	---
Chumbo (µg Pb/L)	25	---	---	---	---	0	0	---

Cobre (mg Cu/L)	2,0	---	---	---	---	0	0	---
Crómio (µg Cr/L)	50	---	---	---	---	0	0	---
1,2-Dicloroetano (µg/L)	3,0	---	---	---	---	0	0	---
Dureza Total (mg CaCO3/L)	---	---	---	---	---	0	0	---
Ferro ¹ (µg Fe/L)	200		<40	0	100%	3	3	100%
Fluoreto (mg F/L)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno (µg/L)	---	---	---	---	---	0	0	---
Magnésio (mg Mg/L)	---	---	---	---	---	0	0	---
Manganés ¹ (µg Mn/L)	50	<10	<10	0	100%	3	3	100%
Nitrato (mg NO3/L)	50	---	---	---	---	0	0	---
Nitrito (mg NO2/L)	0,50	---	---	---	---	0	0	---
Mercúrio (µg Hg/L)	1,0	---	---	---	---	0	0	---
Níquel (µg Ni/L)	20	---	---	---	---	0	0	---
Oxidabilidade (mg O2/L)	5,0	<2,0	<2,0	0	100%	3	3	100%
Pesticidas Totais (µg/L)	0,50	---	---	---	---	0	0	---
Selénio (µg Se/L)	10	---	---	---	---	0	0	---
Sódio (mg Na/L)	200	---	---	---	---	0	0	---
Sulfato (mg SO4/L)	250	---	---	---	---	0	0	---
Soma de Tetracloroetano e Tricloroetano (µg/L)	10	---	---	---	---	---	---	---
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	---
Tricloroetano (µg/L)	---	---	---	---	---	0	0	---
Trihalometanos Totais (µg/L)	100	---	---	---	---	---	---	---
Clorofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromodiorometano (µg/L)	---	---	---	---	---	0	0	---
Dibromodiorometano (µg/L)	---	---	---	---	---	0	0	---
Dose Indicativa (mSv/ano)	0,10	---	---	---	---	0	0	---
Alfa-total (Bq/L)	0,10 (Nível verificação)	---	---	---	---	0	0	---
β-Total (Bq/L)	1,0 (Nível verificação)	---	---	---	---	0	0	---
Radão (Bq/L)	500	---	---	---	---	0	0	---

Notas: L.Q. - Limite de Quantificação; N.D. - Não Detetado; ¹: Parâmetro (conservativo) analisado pela entidade gestora em alta (Águas do Vale do Tejo)

Causas do Incumprimento: não foram detetados incumprimentos.

Medidas corretivas implementadas: não foram detetados incumprimentos.

Fundão, 03 de junho de 2019

A Chefe do Serviço



Maria do Rosário Polido