

# INFORMAÇÃO SOBRE QUALIDADE DA ÁGUA N.º 4/ 2018

Resultados do Controlo de Qualidade da Água fornecida aos utilizadores do Concelho do Fundão

3º Trimestre do Ano de 2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor na **ZA Fundão**, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR) e efetuado pelo laboratório CESAB.

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
		Mínimo	Máximo			Agendadas	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 Cl2/L)	---	0,47	1,0	---	---	9	9	100%
Alumínio (µg Al/L)	200	<20	41	0	100%	4	4	100%
Amónio (mg NH4/L)	0,50	<0,050	<0,050	0	100%	4	4	100%
N.ºColónias 22°C (N/ml a 22°C)	s/ alter. anormal	N.D.	N.D.	---	---	4	4	100%
N.ºColónias 36°C (N/ml a 36°C)	s/ alter. anormal	N.D.	1	---	---	4	4	100%
Condutividade (µS/cm, a 20 °C)	2500	105	134	0	100%	4	4	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	4	4	100%
Cor (mg PtCo/L)	20	<5	<5	0	100%	4	4	100%
pH (E. Sorensen)	≥6,5 e ≤9,5	7,2	7,4	0	100%	4	4	100%
Ferro (µg Fe/L)	200	<10	<10	0	100%	1	1	100%
Manganês (µg Mn/L)	50	<10	<10	0	100%	4	4	100%
Nitrato <sup>1</sup> (mg NO3/L)	50	<4	<4	0	100%	3	3	100%
Nitrito (mg NO2/L)	0,50	<0,020	<0,020	0	100%	1	1	100%
Oxidabilidade (mg O2/L)	5,0	<2,0	2,2	0	100%	4	4	100%
Cheiro, a 25°C (Fator de diluição)	3	<1	<1	0	100%	4	4	100%
Sabor, a 25°C (Fator de diluição)	3	<1	<1	0	100%	4	4	100%
Turvação (UNT)	4	<0,3	<0,3	0	100%	4	4	100%
Antimónio (µg Sb/L)	5,0	---	---	---	---	0	0	---
Arsénio (µg As/L)	10	---	---	---	---	0	0	---
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	<0,002	<0,002	0	100%	1	1	100%
Boro (mg B/L)	1,0	---	---	---	---	0	0	---
Bromato (µg BrO3/L)	10	---	---	---	---	0	0	---
Cádmio (µg Cd/L)	5,0	---	---	---	---	0	0	---
Cálcio (mg Ca/L)	---	12	12	---	---	1	1	100%
Chumbo (µg Pb/L)	10	<3	<3	0	100%	1	1	100%

Cianeto (µg CN/L)	50	---	---	---	---	0	0	---
Cobre (mg Cu/L)	2,0	0,031	0,031	0	100%	1	1	100%
Crómio (µg Cr/L)	50	---	---	---	---	0	0	---
1,2-Dicloroetano (µg/L)	3,0	---	---	---	---	0	0	---
Dureza Total (mg CaCO <sub>3</sub> /L)	---	34	34	---	---	1	1	100%
Enterococos fecais (N/100ml)	0	0	0	0	100%	1	1	100%
Fluoreto (mg F/L)	1,5	---	---	---	---	0	0	---
Magnésio (mg Mg/L)	---	0,74	0,74	---	---	1	1	100%
Merúrio (µg Hg/L)	1,0	---	---	---	---	0	0	---
Níquel (µg Ni/L)	20	<5	<5	0	100%	1	1	100%
Selénio (µg Se/L)	10	---	---	---	---	0	0	---
Cloreto (mg Cl/L)	250	---	---	---	---	0	0	---
Sódio (mg Na/L)	200	---	---	---	---	0	0	---
Sulfato (mg SO <sub>4</sub> /L)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg C/L)	Sem alter. anormal	---	---	---	---	0	0	---
Soma de Tetracloroetano e Tricloroetano (µg/L)	10	---	---	---	---	---	---	---
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	---
Tricloroetano (µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	<0,005 (Maior LQ)	<0,005 (Maior LQ)	0	100%	1	1	---
Benzo(b)fluoranteno (µg/L)	---	<0,005	<0,005	---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,002	<0,002	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	<0,004	<0,004	---	---	1	1	100%
Indeno(1,2,3-cd)pireno (µg/L)	---	<0,004	<0,004	---	---	1	1	100%
Trihalometanos Totais (µg/L)	100	7	7	0	100%	1	1	---
Clorofórmio (µg/L)	---	7	7	---	---	1	1	100%
Bromofórmio (µg/L)	---	<3	<3	---	---	1	1	100%
Bromodiclorometano (µg/L)	---	<3	<3	---	---	1	1	100%
Dibromodiclorometano (µg/L)	---	<3	<3	---	---	1	1	100%
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	<10,0	<10,0	0	100%	1	1	100%
Pesticidas Totais <sup>1</sup> (µg/L)	0,50	---	<0,10	0	100%	1	1	100%

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

**Causas do Incumprimento:** não foram registados incumprimentos.

**Medidas corretivas implementadas:** não foram registados incumprimentos.

Fundão, 04 de dezembro de 2018

A Chefe do Serviço



Maria do Rosário Polido