



## CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO

1) ZONA NORTE DO CONCELHO DA FIGUEIRA DA FOZ

EDITAL n.º 38 SN

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, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2017  
(01 Janeiro a  
31 Março)

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	0	0	100%	14	12	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	14	12	100%
Desinfetante residual (mg/L)	---	0,1	1	---	---	14	12	100%
Alumínio (µg/L Al)	200	18	53	0	100%	3	3	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	0,1	0,1	0	100%	3	3	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	300	---	---	3	3	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	300	---	---	3	3	100%
Condutividade (µS/cm a 20°C)	2500	552	673	0	100%	3	3	100%
<i>Clostridium perfringens</i> (N/100 ml) <sup>2</sup>	0	---	---	---	---	---	---	---
Cor (mg/L PtCo)	20	6	6	0	100%	3	3	100%
pH (Unidades pH)	≥6,5 e ≤9	7,1	8,1	0	100%	12	12	100%
Manganês (µg/L Mn)	50	10	13	0	100%	3	3	100%
Nitratos (mg/L NO <sub>3</sub> )	50	14,3	16,5	0	100%	3	3	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	1	1,6	0	100%	3	3	100%
Cheiro a 25°C (Factor de diluição)	3	1	1	0	100%	3	3	100%
Sabor a 25°C (Factor de diluição)	3	1	1	0	100%	3	3	100%
Turvação (NTU)	4	0,8	2,5	0	100%	3	3	100%
Antimónio (µg/L Sb)	5	---	---	---	---	0	0	---
Arsénio (µg/L As)	10	---	---	---	---	0	0	---
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg/L B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/L BrO <sub>3</sub> )	10	---	---	---	---	0	0	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	10	---	---	---	---	0	0	---
Cianetos (µg/L CN)	50	---	---	---	---	0	0	---
<i>Clostridium perfringens</i> (N/100ml) <sup>3</sup>	0	---	---	---	---	0	0	---
Cobre (mg/L Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/L Cr)	50	---	---	---	---	0	0	---
1,2 - dicloroetano (µg/L)	3,0	---	---	---	---	0	0	---
Dureza total (mg/L CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---
Ferro (µg/L Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercurio (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---
Nítritos (mg/L NO <sub>2</sub> )	0,5	---	---	---	---	0	0	---
Selénio (µg/L Se)	10	---	---	---	---	0	0	---
Cloretos (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio (mg/L Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/L SO <sub>4</sub> )	250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano(µg/L)	---	---	---	---	---	0	0	---
Tricloroetano(µg/L)	---	---	---	---	---	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	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromodichlorometano(µg/L)	---	---	---	---	---	0	0	---
Dibromochlorometano(µg/L)	---	---	---	---	---	0	0	---

Pesticidas - total (µg/L)

Sistema Norte dispensado pela ERSAR da realização de análises aos pesticidas.

NOTA 1: Edital referente à ZONA NORTE. NOTA 2: Realização nos sistemas urbano e sul. NOTA 3: Realização no sistema norte.

OBSERVAÇÕES: I.q.:limite de quantificação; quando o resultado (pesticidas, compostos orgânicos voláteis, haletos de alquila e hidrocarbonetos aromáticos policíclicos) corresponde a uma soma de valores abaixo do limite de quantificação o resultado é apresentado através do I.q. mais elevado; quando o resultado (pesticidas, compostos orgânicos voláteis, haletos de alquila e hidrocarbonetos aromáticos policíclicos) é obtido pela soma de resultados individuais em que pelo menos uma das parcelas é quantificável o resultado é apresentado como a soma dos valores quantificados, ignorando as parcelas inferiores ao I.q.

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):

Não foram detetados incumprimentos no 1.º trimestre de 2017.

O Director Geral:

Data da publicação:

29/05/2017

Agência de Regulação da  
Água e Saneamento S.A.