

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).

**4º TRIMESTRE 2016**  
 01 de outubro a  
 31 de dezembro

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%	6	6	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	6	6	100%
Desinfetante residual Hipoclorito de Sódio (mg/L Cl)	---	<0,1	0,2	---	---	6	6	100%
Desinfetante residual Dióxido de Cloro (mg/L ClO <sub>2</sub> )	---	< 0,2	0,3	---	---	6	6	100%
Alumínio (µg/L Al)	200	<30	45	0	100%	3	3	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	<0,05	0,11	0	100%	3	3	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	<1	< 1	---	---	3	3	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	< 1	28	---	---	3	3	100%
Condutividade (µS/cm a 20°C)	2500	873	1200	0	100%	3	3	100%
<i>Clostridium perfringens</i> (N/100ml)	0	0	0	0	100%	3	3	100%
Cor (mg/L PtCo)	20	< 5	6,9	0	100%	3	3	100%
pH (Unidades pH)	≥6,5 e ≤9	7,5	7,8	0	100%	3	3	100%
Manganês (µg/L Mn)	50	<15	23	0	100%	3	3	100%
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	0,8	1,8	0	100%	3	3	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	< 1	< 1	0	100%	3	3	100%
Cheiro a 25°C (Factor de diluição)	3	<1	3	0	100%	3	3	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%
Turvação (NTU)	4	< 0,26	0,88	0	100%	3	3	100%
Ferro (µg/L Fe)	200	21	21	0	100%	1	1	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	< 0,03	< 0,03	0	100%	1	1	100%
Antimónio <sup>2</sup> (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio <sup>2</sup> (µg/L As)	10	---	---	---	---	---	---	---
Benzeno <sup>2</sup> (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,008	< 0,008	0	100%	1	1	100%
Boro <sup>2</sup> (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )	10	---	---	---	---	---	---	---
Cádmio <sup>2</sup> (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	47	47	---	---	1	1	100%
Chumbo (µg/L Pb)	10	< 3	< 3	0	100%	1	1	100%
Cianetos <sup>2</sup> (µg/L CN)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	< 0,01	< 0,01	0	100%	1	1	100%
Crómio <sup>2</sup> (µg/L Cr)	50	---	---	---	---	---	---	---
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO <sub>3</sub> )	---	290	290	---	---	1	1	100%
Enterococos (N/100 ml)	0	0	0	0	100%	1	1	100%
Fluoretos <sup>2</sup> (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	43	43	---	---	1	1	100%
Mercurio <sup>2</sup> (µg/L Hg)	1	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	< 6	< 6	0	100%	1	1	100%
Selénio <sup>2</sup> (µg/L Se)	10	---	---	---	---	---	---	---
Cloretos <sup>2</sup> (mg/L Cl)	250	---	---	---	---	---	---	---
Sódio <sup>2</sup> (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )	250	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano <sup>2</sup> (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano <sup>2</sup> (µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,02	< 0,02	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	< 0,02	< 0,02	---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,02	< 0,02	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	< 0,02	< 0,02	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	< 0,02	< 0,02	---	---	1	1	100%
Trihalometanos - total (µg/L):	100	120	120	1	0%	1	1	100%
Clorofórmio(µg/L)	---	1,1	1,1	---	---	1	1	100%
Bromofórmio(µg/L)	---	75	75	---	---	1	1	100%
Bromodiorometano(µg/L)	---	6,6	6,6	---	---	1	1	100%
Dibromoclorometano(µg/L)	---	40	40	---	---	1	1	100%
Pesticidas - total <sup>2</sup> (µg/L):	0,50	---	---	---	---	---	---	---
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Radão (Bq/L)	500,00	< 10	< 10	0	100%	1	1	100%

Nota 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (Águas Públicas do Alentejo)

Os resultados obtidos evidenciam que a água distribuída na Zona de Abastecimento de Aljustrel, está em conformidade com as normas de qualidade de água para consumo humano estabelecidas na legislação em vigor à exceção do parâmetro THM- total. De acordo com o resultado da contra-análise verificou-se que a situação ficou normalizada tendo sido inconclusivo o apuramento das causas.

O presidente: Nelson Domingos Brito

ASS:



Data da publicação: 09 de janeiro de 2017