

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 2014
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	
Escherichia coli (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	0,4	---	---	6	6	100%
Desinfetante residual Dióxido de Cloro (mg/L ClO ₂)	---	< 0,2	0,4	---	---	6	6	100%
Alumínio (µg/L Al)	200	< 30	30	0	100%	3	3	100%
Amónio (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	3	3	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	<1	28	---	---	3	3	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	<1	3	---	---	3	3	100%
Condutividade (µS/cm a 20°C)	2500	835	852	0	100%	3	3	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	3	3	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	3	3	100%
pH (Unidades pH)	≥6,5 e ≤9	7,5	7,7	0	100%	3	3	100%
Manganês (µg/L Mn)	50	<15	<15	0	100%	3	3	100%
Nitratos ² (mg/L NO ₃)	50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O ₂)	5	1,3	2,4	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	< 0,26	0,55	0	100%	3	3	100%
Ferro (µg/L Fe)	200	< 20	< 20	0	---	1	1	100%
Nitritos (mg/L NO ₂)	0,5	< 0,03	< 0,03	0	---	1	1	100%
Antimónio ² (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio ² (µg/L As)	10	---	---	---	---	---	---	---
Benzeno ² (µg/L)	1,0	---	---	0	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,008	< 0,008	0	---	0	0	100%
Boro ² (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos ² (µg/L BrO ₃)	10	---	---	---	---	---	---	---
Cádmio ² (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	49	49	---	---	0	0	100%
Chumbo (µg/L Pb)	25	< 3	< 3	0	---	0	0	100%
Cianetos ² (µg/L CN)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	< 0,01	< 0,01	0	---	0	0	100%
Crómio ² (µg/L Cr)	50	---	---	---	---	---	---	---
1,2 - dicloroetano ² (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	250	250	---	---	0	0	100%
Enterococos (N/100 mL)	0	0	0	0	---	0	0	100%
Fluoretos ² (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	32	32	---	---	0	0	100%
Mercurio ² (µg/L Hg)	1	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	< 6	< 6	0	---	0	0	100%
Selénio ² (µg/L Se)	10	---	---	---	---	---	---	---
Cloretos ² (mg/L Cl)	250	---	---	---	---	---	---	---
Sódio ² (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos ² (mg/L SO ₄)	250	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano ² (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,02	< 0,02	0	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	< 0,02	< 0,02	---	---	0	0	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,02	< 0,02	---	---	0	0	100%
Benzo(ghi)perileno (µg/L)	---	< 0,02	< 0,02	---	---	0	0	100%
Indeno(1,2,3-cd)pireno (µg/L)	---	< 0,02	< 0,02	---	---	0	0	100%
Trihalometanos - total (µg/L):	100	93	93	0	---	---	---	---
Clorofórmio (µg/L)	---	7,3	7,3	---	---	0	0	100%
Bromofórmio (µg/L)	---	57	57	---	---	0	0	100%
Bromodichlorometano (µg/L)	---	5,2	5,2	---	---	0	0	100%
Dibromoclorometano (µg/L)	---	23	23	---	---	0	0	100%
Pesticidas - total ² (µg/L)	0,50	---	---	---	---	---	---	---

Nota 1: Zonas de abastecimento controladas: Aljustrel, Montes Velhos/Aldeia Nova, Jungeiros, Corte V. Anes, Rio de Moinhos, Aldeia dos Elvas, Messejana e Ervide!

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.

O presidente: Nelson Domingos Brito

ASS:



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