



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO DO CONCELHO DE ALJUSTREL

1º TRIMESTRE

ZONA DE ABASTECIMENTO: ALJUSTREL¹

2019

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto - Lei nº 152/2017, de 7 de dezembro, 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 (PCCA) aprovado pela autoridade competente (ERSAR). De acordo com o ponto 2 do artigo 17º do referido decreto-lei, publicam-se os resultados obtidos.

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCCA)		% 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)	---	0,5	1,1	---	---	6	6	100%
Alumínio (µg/L Al)	200	<30	41	0	100%	3	3	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0	---	---	3	3	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0	---	---	3	3	100%
Cálcio (mg/L Ca)	---	50	57	---	---	3	3	100%
Condutividade (µS/cm a 20°C)	2500	757	777	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	<5	0	100%	3	3	100%
Dureza total (mg/L CaCO ₃)	---	260	300	---	---	3	3	100%
Enterococos (N/100 mL)	0	0	0	---	---	3	3	100%
pH (Unidades pH)	≥8,5 e ≤8,5	7,6	7,9	0	100%	3	3	100%
Magnésio (mg/L Mg)	---	31	39	---	---	3	3	100%
Manganês (µg/L Mn)	80	<15	<15	0	100%	3	3	100%
Cloratos ² (mg/L Cl)	250	140	140	0	100%	1	1	100%
Oxidabilidade (mg/L O ₂)	5	<1,0	1,3	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	0,29	0,31	0	100%	3	3	100%
Amónio (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	1	1	100%
Ferro (µg/L Fe)	200	<20	<20	0	100%	1	1	100%
Nitratos ² (mg/L NO ₃)	50	---	---	---	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	<0,03	<0,03	---	---	1	1	100%
Antimónio ² (µg/L Sb)	5	---	---	---	---	0	0	---
Arsénio ² (µg/L As)	10	---	---	---	---	0	0	---
Benzeno ² (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	<0,005	<0,005	0	100%	1	1	100%
Boro ² (mg/L B)	1,0	---	---	---	---	0	0	---
Bromatos ² (µg/L BrO ₃)	10	---	---	---	---	0	0	---
Cádmio ² (µg/L Cd)	5,0	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%
Cianetos ² (µg/L CN)	50	---	---	0	---	0	0	---
Cobalto (mg/L Co)	2,0	<0,01	<0,01	0	100%	1	1	100%
Crómio (µg/L Cr)	50	<10	<10	0	100%	1	1	100%
1,2 - dicloroetano ² (µg/L)	3,0	---	---	---	---	0	0	---
Fluoretos ² (mg/L F)	1,5	---	---	---	---	0	0	---
Mercurio ² (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	<6	<6	0	100%	1	1	100%
Selénio ² (µg/L Se)	10	---	---	---	---	0	0	---
Cloratos ² (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio ² (mg/L Na)	200	---	---	---	---	0	0	---
Sulfatos ² (mg/L SO ₄)	250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano ² (µg/L):	10	---	---	---	---	0	0	---
Tetracloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	<0,08	<0,08	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(a)fluoranteno (µg/L)	---	<0,02	<0,02	---	---	1	1	100%
Indeno(1,2,3-cd)pirano(µg/L)	---	<0,02	<0,02	---	---	1	1	100%
Trihalometanos - total (µg/L):	100	112	112	1	0%	1	1	100%
Cloroformo(µg/L)	---	2,28	2,28	---	---	1	1	100%
Bromoformo(µg/L)	---	47	47	---	---	1	1	100%
Bromodiclorometano(µg/L)	---	12,6	12,6	---	---	1	1	100%
Dibromodiclorometano(µg/L)	---	50,3	50,3	---	---	1	1	100%
Pesticidas - total ² (µg/L):	0,50	---	---	---	---	0	0	---
Aclorato	0,10	---	---	---	---	0	0	---
Atrazina	0,10	---	---	---	---	0	0	---
Bentazona (µg/L)	0,10	---	---	---	---	0	0	---
Clorpirifos	0,10	---	---	---	---	0	0	---
Desetilatrazina	0,10	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	---	---	---	---	0	0	---
Dimetato	0,10	---	---	---	---	0	0	---
Diarbo	0,10	---	---	---	---	0	0	---
Linarbo	0,10	---	---	---	---	0	0	---
MCPA	0,10	---	---	---	---	0	0	---
Tebucanof	0,10	---	---	---	---	0	0	---
Terbutilazina	0,10	---	---	---	---	0	0	---
Ometato	0,10	---	---	---	---	0	0	---
alfa total ² (Bq/L)	0,10	---	---	---	---	0	0	---
beta total ² (Bq/L)	1,00	---	---	---	---	0	0	---
Dose Indicativa Total ² (mSv)	> 0,10 mSv/ano	---	---	---	---	0	0	---
Radão (Bq/L)	500,00	---	---	---	---	0	0	---

Nota 1: Zonas de Abastecimento controladas: Aljustrel (inclui as localidades de Aljustrel, Ervide, Corte Vicente Anes, Montes Velhos/Aldela Nova, Jungeiros, Rio de Moinhos, Messejana e Aldela dos Elyas.

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

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): THM-total (112 mg/L) Causa: Tratamento em alta Medidas corretivas: A implementar pela EG em alta.

O presidente: Nelson Domingos Brito

ASS:

Data da publicação do website: 22 de maio de 2019