

Câmara Municipal de Viana do Alentejo

**CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NA ZONA DE ABASTECIMENTO DO CONCELHO DE VIANA DO ALENTEJO**

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 2013
01 outubro a 31 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	
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 (mg/L)	---	0,1	1	---	---	6	6	100%
Alumínio (µg/L Al)	200	40	110	0	100%	2	2	100%
Amónio (mg/L NH ₄)	0,50	< 0,02	0,03	0	100%	2	2	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	17	---	---	2	2	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	76	---	---	2	2	100%
Condutividade (µS/cm a 20°C)	2500	465	471	0	100%	2	2	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	2	2	100%
Cor (mg/L PtCo)	20	<2	<2	0	100%	2	2	100%
pH (Unidades pH)	≥6,5 e ≤9	7,2	7,4	0	100%	2	2	100%
Manganês (µg/L Mn)	50	< 15	< 15	0	100%	2	2	100%
Nitratos ¹ (mg/L NO ₃)	50	11	49	0	100%	5	5	100%
Oxidabilidade (mg/L O ₂)	5	< 1	1,1	0	100%	2	2	100%
Cheiro a 25°C (Factor de diluição)	3	< 1	2	0	100%	2	2	100%
Sabor a 25°C (Factor de diluição)	3	< 1	2	0	100%	2	2	100%
Turvação (NTU)	4	< 0,5	0,6	0	100%	2	2	100%
Antimónio ¹ (µg/L Sb)	5	---	< 2	0	100%	1	1	100%
Arsénio ¹ (µg/L As)	10	---	< 1	0	100%	1	1	100%
Benzeno ¹ (µg/L)	1,0	---	< 0,32	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	---	< 0,005	0	100%	1	1	100%
Boro ¹ (mg/L B)	1,0	---	< 0,25	0	100%	1	1	100%
Bromatos ¹ (µg/L BrO ₃)	10	---	< 5	0	100%	1	1	100%
Cádmio ¹ (µg/L Cd)	5,0	---	< 1	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	---	72	---	---	1	1	100%
Chumbo (µg/L Pb)	25	---	< 5	0	100%	1	1	100%
Cianetos ¹ (µg/L CN)	50	---	< 12	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	---	0,02	0	100%	1	1	100%
Crómio ¹ (µg/L Cr)	50	---	< 10	0	100%	1	1	100%
1,2 - dicloroetano ¹ (µg/L)	3,0	---	< 0,4	0	100%	1	1	100%
Dureza total (mg/L CaCO ₃)	---	---	280	---	---	1	1	100%
Enterococos (N/100 mL)	0	---	0	0	100%	1	1	100%
Ferro (µg/L Fe)	200	---	56	0	100%	1	1	100%
Fluoretos ¹ (mg/L F)	1,5	---	0,36	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---	25	---	---	1	1	100%
Mercurio ¹ (µg/L Hg)	1	---	< 0,01	0	100%	1	1	100%
Níquel (µg/L Ni)	20	---	< 5	0	100%	1	1	100%
Nitritos (mg/L NO ₂)	0,5	---	< 0,02	0	100%	1	1	100%
Selénio ¹ (µg/L Se)	10	---	< 1	0	100%	1	1	100%
Cloretos ¹ (mg/L Cl)	250	---	19	0	100%	1	1	100%
Sódio (mg/L Na)	200	---	39	0	100%	1	1	100%
Sulfatos ¹ (mg/L SO ₄)	250	---	17	0	100%	1	1	100%
Tetracloroetano e Tricloroetano ¹ (µg/L):	10	---	< 0,48	0	100%	---	---	---
Tetracloroetano ¹ (µg/L)	---	---	< 0,48	---	---	1	1	100%
Tricloroetano ¹ (µg/L)	---	---	< 0,35	---	---	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	< 0,010	0	100%	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	< 0,010	---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	---	< 0,010	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	---	< 0,010	---	---	1	1	100%
Indeno(1,2,3-cd)pireno (µg/L)	---	---	< 0,010	---	---	1	1	100%
Trihalometanos - total (µg/L):	100	---	16	0	100%	---	---	---
Clorofórmio (µg/L)	---	---	< 7	---	---	1	1	100%
Bromofórmio (µg/L)	---	---	< 7	---	---	1	1	100%
Bromodiclorometano (µg/L)	---	---	8	---	---	1	1	100%
Dibromoclorometano (µg/L)	---	---	8	---	---	1	1	100%
Pesticidas - total ¹ (µg/L)	0,50	---	---	---	---	---	---	---
Cimoxanil ¹ (µg/L)	0,10	---	---	---	---	---	---	---
Clortolurão ¹ (µg/L)	0,10	---	---	---	---	---	---	---
Desetilterbutilazina ¹ (µg/L)	0,10	---	---	---	---	---	---	---
Linurão ¹ (µg/L)	0,10	---	---	---	---	---	---	---
Metalaxil ¹ (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina ¹ (µg/L)	0,10	---	---	---	---	---	---	---
Dimetoato ¹ (µg/L)	0,10	---	---	---	---	---	---	---

NOTA 1: Parâmetro (conservativo) analisado pela entidade gestora em alta (Águas Públicas do Alentejo)

O Presidente:


Bernardino António Bengalinha Pinto

Data da publicação:
7 de fevereiro de 2014