

Câmara Municipal de Armamar		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO ¹ DO CONCELHO DE ARMAMAR					EDITAL 07/18	
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).							1.º TRIMESTRE 2018 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%	3	3	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	3	3	100%
Desinfetante residual (mg/L)	---	0,23	0,8	---	---	3	3	100%
Alumínio (µg/L Al)	200	13	16	0	100%	2	2	100%
Amónio (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	2	2	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	1	---	---	2	2	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0	---	---	2	2	100%
Condutividade (µS/cm a 20°C)	2500	80	86	0	100%	2	2	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	2	2	100%
Cor (mg/L Pt _{co})	20	<3	<3	0	100%	2	2	100%
pH (Unidades pH)	≥6,5 e ≤9	6,8	7,3	0	100%	2	2	100%
Ferro (µg/L Fe)	200	0	0	---	---	0	0	---
Manganês (µg/L Mn)	50	<5	<5	0	100%	2	2	100%
Nitratos (mg/L NO ₃) ₂	50	<10	<10	0	100%	3	3	100%
Nitritos (mg/L NO ₂)	0,5	0	0	---	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	1,7	2,8	0	100%	2	2	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	2	2	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	2	2	100%
Turvação (NTU)	4	<1	<1	0	100%	2	2	100%
Antimónio (µg/L Sb) ₂	5	0	0	0	---	0	0	---
Arsénio (µg/L As) ₂	10	0	0	0	---	0	0	---
Benzeno (µg/L) ₂	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B) ₂	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃) ₂	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd) ₂	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0	---	---	0	0	---
Chumbo (µg/L Pb)	25	0	0	0	---	0	0	---
Cianetos (µg/L CN) ₂	50	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr) ₂	50	0	0	0	---	0	0	---
1,2 - dicloroetano (µg/L) ₂	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0	---	---	0	0	---
Enterococos (N/100 mL)	0	0	0	0	---	0	0	---
Fluoretos (mg/L F) ₂	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0	---	---	0	0	---
Mercurio (µg/L Hg) ₂	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se) ₂	10	0	0	0	---	0	0	---
Cloretos (mg/L Cl) ₂	250	0	0	0	---	0	0	---
Sódio (mg/L Na) ₂	200	0	0	0	---	0	0	---
Sulfatos (mg/L SO ₄) ₂	250	0	0	0	---	0	0	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	0	0	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/L) ₂	10	0	0	0	---	---	---	---
Tetracloroeteno(µg/L) ₂	---	0	0	---	---	0	0	---
Tricloroeteno(µg/L) ₂	---	0	0	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	0	0	---	---	0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0	---	---	0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0	---	---	0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	---	---	---
Clorofórmio(µg/L)	---	0	0	---	---	0	0	---
Bromofórmio(µg/L)	---	0	0	---	---	0	0	---
Bromodichlorometano(µg/L)	---	0	0	---	---	0	0	---
Dibromoclorometano(µg/L)	---	0	0	---	---	0	0	---
Pesticidas - total (µg/L)	0,50	0	0	0	---	0	0	---
Atrazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilatrazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Diurão(µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L) ₂	0,10	0	0	0	---	0	0	---
Alfa-Total (Bq/l) ₂	0,10	0	0	0	---	0	0	---
Beta-Total (Bq/l) ₂	1,00	0	0	0	---	0	0	---
Dose Indicativa(mSv/ano) ₂	0,10	0	0	0	---	0	0	---
Radão (Bq/l)	500,00	0	0	0	---	0	0	---
NOTA 1: Zonas de Abastecimento controladas: ZA de Armamar. Freguesias de: Armamar, Aldelas, S. Cosmado, S. Martinho das Chãs, St.ª Cruz, Queimada, Queimadela, Fontelo, Folgosa, Vacalar, União de Freguesias de S. Romão e Santiago, União de Freguesias de Vila Seca e St.ª Adrião, União de Freguesias de Aricera e Goujoim.								
NOTA 2: Parâmetro conservativo analisado pela entidade gestora em alta: Águas do Norte do seu edital do 1º trimestre de 2018 do PE em Alta: Armamar-Lumiares.								
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):								
João Paulo Fonseca (Presidente)						14/04/2018		