

Câmara Municipal de Armamar		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO <sup>1</sup> DO CONCELHO DE ARMAMAR					EDITAL 3.14		
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%	1	1	100%	
Bactérias coliformes (N/100 ml)	0	3	3	1	0%	1	1	100%	
Desinfetante residual (mg/L)	---	0,55	0,55	---	---	1	1	100%	
Alumínio (µg/L Al)	200	0	0	0	---	0	0	---	
Amónio (mg/L NH <sub>4</sub> )	0,50	0	0	0	---	0	0	---	
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0	---	---	0	0	---	
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0	---	---	0	0	---	
Condutividade (µS/cm a 20°C)	2500	0	0	0	---	0	0	---	
Clostridium perfringens (N/100ml)	0	0	0	0	---	0	0	---	
Cor (mg/L PtCo)	20	0	0	0	---	0	0	---	
pH (Unidades pH)	≥6,5 e ≤9	0	0	0	---	0	0	---	
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---	
Manganês (µg/L Mn)	50	0	0	0	---	0	0	---	
Nitratos (mg/L NO <sub>3</sub> )	50	0	0	0	---	0	0	---	
Nitritos (mg/L NO <sub>2</sub> )	0,5	0	0	0	---	0	0	---	
Oxidabilidade (mg/L O <sub>2</sub> )	5	0	0	0	---	0	0	---	
Cheiro a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---	
Sabor a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---	
Turvação (NTU)	4	0	0	0	---	0	0	---	
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---	
Arsénio (µg/L As)	10	0	0	0	---	0	0	---	
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---	
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---	
Boro (mg/L B)	1,0	0	0	0	---	0	0	---	
Bromatos (µg/L BrO <sub>3</sub> )	10	0	0	0	---	0	0	---	
Cádmio (µg/L Cd)	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)	50	0	0	0	---	0	0	---	
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---	
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---	
1,2 - dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---	
Dureza total (mg/L CaCO <sub>3</sub> )	---	0	0	---	---	0	0	---	
Enterococos (N/100 mL)	0	0	0	0	---	0	0	---	
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---	
Magnésio (mg/L Mg)	---	0	0	---	---	0	0	---	
Merúrio (µg/L Hg)	1	0	0	0	---	0	0	---	
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---	
Selénio (µg/L Se)	10	0	0	0	---	0	0	---	
Cloretos (mg/L Cl)	250	0	0	0	---	0	0	---	
Sódio (mg/L Na)	200	0	0	0	---	0	0	---	
Sulfatos (mg/L SO <sub>4</sub> )	250	0	0	0	---	0	0	---	
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	0	0	---	---	0	0	---	
Tetracloroetano e Tricloroetano (µg/L):	10	0	0	0	---	---	---	---	
Tetracloroetano(µg/L)	---	0	0	---	---	0	0	---	
Tricloroetano(µg/L)	---	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	---	
Bromodiclorometano(µg/L)	---	0	0	---	---	0	0	---	
Dibromoclorometano(µg/L)	---	0	0	---	---	0	0	---	
Pesticidas - total (µg/L)	0,50	0	0	0	---	0	0	---	
Pesticida 1 (µg/L)	0,10	0	0	0	---	0	0	---	
Pesticida 2 (µg/L)	0,10	0	0	0	---	0	0	---	
Pesticida 3 (µg/L)	0,10	0	0	0	---	0	0	---	
Pesticida 4 (µg/L)	0,10	0	0	0	---	0	0	---	

NOTA 1: Zonas de abastecimento controladas: ZA de Coura

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Procederam-se a novas análises ao parâmetro Bactérias coliformes e o resultado foi de 0 ufc/100ml. Dado a quantidade de cloro residual na água registada, não era expectável haver bactérias coliformes, pelo que a contaminação da amostra terá ocorrido noutra momento, não determinado.

João Paulo Fonseca (Presidente)

12-02-2014