

MUNICÍPIO DE ALCOUTIM		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO <sup>1</sup> DO CONCELHO DE ALCOUTIM					EDITAL 6/2017	
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).							4.º TRIMESTRE 2016 1 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%	69	69	100%
Bactérias coliformes (N/100 ml)	0	0	29	1	99%	69	69	100%
Desinfetante residual (mg/L)	---	0,3	0,8	---	---	69	69	100%
Alumínio (µg/L Al)	200	20	79	0	100%	3	3	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	0,12	0,12	0	100%	21	21	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	89	---	---	21	21	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	71	---	---	21	21	100%
Condutividade (µS/cm a 20°C)	2500	250	2000	0	100%	21	21	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	8	8	100%
Cor (mg/L PtCo)	20	0	5	0	100%	21	21	100%
pH (Unidades pH)	≥6,5 e ≤9	7,1	8,4	0	100%	21	21	100%
Ferro (µg/L Fe)	200	4	91,6	0	100%	2	2	100%
Manganês (µg/L Mn)	50	0,5	191	4	81%	21	21	100%
Nitratos (mg/L NO <sub>3</sub> ) <sup>2</sup>	50	0,8	25	0	100%	21	21	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	---	---	---	---	0	0	---
Oxidabilidade (mg/L O <sub>2</sub> )	5	0	71	0	100%	21	21	100%
Cheiro a 25°C (Factor de diluição)	3	0	1	0	100%	21	21	100%
Sabor a 25°C (Factor de diluição)	3	0	1	0	100%	21	21	100%
Turvação (NTU)	4	0,4	1	0	100%	21	21	100%
Antimónio (µg/L Sb)	5	---	---	---	---	0	0	---
Arsénio (µg/L As)	10	---	---	---	---	0	0	---
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg/L B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/L BrO <sub>3</sub> )	10	---	---	---	---	0	0	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	25	1	1	0	100%	1	1	100%
Cianetos (µg/L CN)	50	---	---	---	---	0	0	---
Cobre (mg/L Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/L Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	0	0	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	0	0	---
Enterococos (N/100 mL)	0	0	0	0	100%	7	7	100%
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercúrio (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	2	2	0	100%	1	1	100%
Selénio (µg/L Se)	10	6,7	6,7	0	100%	1	1	100%
Cloretos (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio (mg/L Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/L SO <sub>4</sub> )	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	0	0	---
Tetracloroeteno (µg/L)	---	---	---	---	---	0	0	---
Tricloroeteno (µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno (µg/L)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/L):	100	---	---	---	---	0	0	---
Clorofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromodiclorometano (µg/L)	---	---	---	---	---	0	0	---
Dibromoclorometano (µg/L)	---	---	---	---	---	0	0	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	0	0	---
Diurão (µg/L)	0,10	---	---	---	---	0	0	---
Linurão (µg/L)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/L)	0,10	---	---	---	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	---	---	---	---	0	0	---
Alfa total	---	0,04	0,12	---	---	7	7	100%
Beta total	---	0	0,1	---	---	7	7	100%
Dose indicativa (mSv)	0,1	0	0,1	0	100%	7	7	100%
Radão (Bq/l)	500	10	20,4	0	100%	7	7	100%
Acrilamida (µg/L)	0,1	---	---	---	---	0	0	---
NOTA 1: Zonas de abastecimento controladas: Alcaria; Alcaria Alta; Alcaria Queimada; Alcarias (Norte); Alcarias (Sul); Alcoutim/Martim Longo; Arrizada; Azinhal; Balurquinho; Barranco/Casas/Cerro; Barroso; Bentos; Cabaços/Fortim/Traviscosa; Casa Nova do Pereirão; Castelhanos; Corte Serranos; Corte Tabelião; Diogo Dias; Farelos/Clarines; Fernandilho; Fonte Zambujo/Lombardos; Fonte Zambujo de Baixo; Galaxes; Jardos; Laborato; Madeiras; Malfrades; Marim; Mestras; Monchique; Palmeira; Pão Duro; Pêro Dias; Pessegueiro; Preguiça; Preguiças; Soudes; Tacões; Taipas; Tesouro; Tremelgo; Várzea; Velhas; Zambujal; Zorrinhos.								
NOTA 2: Parâmetros (conservativos) analisados pela entidade gestora em alta (Águas do Algarve), para a zona de abastecimento de Alcoutim/Martim Longo: Nitratos								
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):								
Pârametro / Zona de abastecimento		Causas			Medidas corretivas			
BACTÉRIAS COLIFORMES:								
Palmeira		A averiguação das causas foi inconclusiva			Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento			
MANGANÊS:								
Castelhanos		Caraterísticas naturais (hidrogeológicas) da origem de água			Não foram tomadas medidas por não haver risco para a saúde (parecer da AS ou por ausência de parecer)			
Fernandilho								
Fonte Zambujo / Lombardos								
Monchique								
O presidente:						Data da publicação:		
Oswaldo dos Santos Gonçalves						22-02-2017		