

 MUNICÍPIO DE LAGOA		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DO CONCELHO DE LAGOA				EDITAL		
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 2022 Versão.01		
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	
<i>Escherichia coli</i> (N/100 ml)	0	0	0	0	100%	17	17	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	17	17	100%
Desinfetante residual (mg/L Cl ₂)	---	<0,20 (LQ)	0,71	0	100%	17	17	100%
Alumínio (µg/L Al)	200	42	90,1	0	100%	11	11	100%
Azoto Amoniacal (mg/L NH ₄)	0,50	< 0,125 (LQ)	< 0,125 (LQ)	0	100%	1	1	100%
Número de colónias a 22 °C (UFC/ml)	---	0	0	0	100%	11	11	100%
Número de colónias a 36 °C (UFC/ml)	---	0	0	0	100%	11	11	100%
Condutividade (µS/cm a 20°C)	2500	301	452	0	100%	11	11	100%
<i>Clostridium perfringens</i> (UFC/100ml)	0	0	0	0	100%	11	11	100%
Cor (mg/L PtCo)	20	< 5,00 (LQ)	< 5,00 (LQ)	0	100%	11	11	100%
pH (Unidades pH)	≥6,5 e ≤9,5	7,3 (22°C)	7,8 (18°C)	0	100%	11	11	100%
Ferro (µg/L Fe)	200	<2,0 (LQ)	<2,0 (LQ)	0	100%	1	1	100%
Manganês (µg/L Mn)	50	2,56	9,11	0	100%	11	11	100%
Nitritos (mg/L NO ₂)	0,5	< 0,100 (LQ)	< 0,100 (LQ)	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	11	11	100%
Oxidabilidade (mg/L O ₂)	5	≤1,00(LQ)	≤1,00(LQ)	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	11	11	100%
Turvação (UNT)	4	< 0,40 (LQ)	0,47	0	100%	11	11	100%
Benzo(a)pireno (µg/L)	0,01	< 0,0030 (LQ)	< 0,0030 (LQ)	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	39,4	39,4	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	2,60	2,60	0	100%	1	1	100%
Chumbo (µg/L Pb)	10	<1,0 (LQ)	1,1	0	100%	1	1	100%
Cobre (mg/L Cu)	2	0,0096	0,0096	0	100%	1	1	100%
Crómio (µg/L Cr)	50	< 1,0 (LQ)	< 1,0 (LQ)	0	100%	1	1	100%
Cloritos (mg/L ClO ₂)	0,7	---	---	---	---	---	---	---
Clorato ((mg/L ClO ₃)	0,7	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	200	200	0	100%	1	1	100%
Enterococos Fecais (UFC/100 mL)	0	0	0	0	100%	11	11	100%
Magnésio (mg/L Mg)	---	24,6	24,6	0	100%	1	1	100%
Níquel (µg/L Ni)	20	7,5	7,5	0	100%	1	1	100%
hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	52,4	52,4	0	100%	1	1	100%
Clorofórmio(µg/L)	---	2,24	2,24	0	100%	1	1	100%
Bromofórmio(µg/L)	---	18,6	18,6	0	100%	1	1	100%
Bromodiorometano(µg/L)	---	8,88	8,88	0	100%	1	1	100%
Dibromoclorometano(µg/L)	---	22,7	22,7	0	100%	1	1	100%
Radão (Bq/l)	500	< 10,0 (LQ)	< 10,0 (LQ)	0	100%	1	1	100%
Parâmetros Conservativos analisados pela Entidade Gestora em Alta: Águas do Algarve								
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
						Agendadas	Realizadas	
Ponto de Entrega - Alporchinhos								
1,2 dicloroetano(µg/L)	3		<0,10	---	---	---	---	---

Antimónio (µg/L Sb)	5	<1,5	---	---	---	---	---
Arsénio (µg/L As)	10	<3,0	---	---	---	---	---
Bentazona (µg/L)	0,1	<0,03	---	---	---	---	---
Benzeno (µg/L)	1	<0,30	---	---	---	---	---
Boro Total (mg/L)	1	<0,030	---	---	---	---	---
Bromatos (µg/l BrO3)	10	4	---	---	---	---	---
Cádmio total (µg/l Cd)	5	<1,5	---	---	---	---	---
Cianetos (µg/l Cn)	50	<5,00	---	---	---	---	---
Cloretos (mg/l Cl)	250	55	---	---	---	---	---
Clorpirrifos (µg/L)	0,1	<0,03	---	---	---	---	---
Desetilsimazina (µg/l)	0,1	<0,03	---	---	---	---	---
Desetilterbutilazina (µg/l)	0,1	<0,03	---	---	---	---	---
Dimetoato (µg/l)	0,1	<0,03	---	---	---	---	---
Diurão (µg/l)	0,1	<0,03	---	---	---	---	---
Dose indicativa total (MSV/ano)	0,10	<0,10	---	---	---	---	---
Fluoretos (mg/l F)	1,5	0,1	---	---	---	---	---
Imidaclopride (µg/L)	0,1	<0,03	---	---	---	---	---
Linurão (µg/l)	0,1	<0,03	---	---	---	---	---
Mecoprope	0,1	<0,03	---	---	---	---	---
Mercurio (µg/l Hg)	1	<0,200	---	---	---	---	---
Metolacolor (µg/l)	1	<0,03	---	---	---	---	---
Nitratos (mg/l NO3)	50	3,1	---	---	---	---	---
Orneotano (µg/l)	0,1	<0,03	---	---	---	---	---
Pesticidas Total (µg/l)	0,5	<0,03	---	---	---	---	---
Selénio (µg/l Se)	10	<3,0	---	---	---	---	---
Simazina (µg/l)	0,1	<0,03	---	---	---	---	---
Sódio (mg/l Na)	200	31	---	---	---	---	---
Sulfatos (mg/l SO4)	250	41	---	---	---	---	---
Terbutilazina (µg/l)	0,1	<0,03	---	---	---	---	---
Tetracloreteno (µg/l)	---	<0,10	---	---	---	---	---
Tetracloreteno e tricloroeteno (µg/l)	10	<1,0	---	---	---	---	---
Tricloroeteno (µg/l)	---	<1,0	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: Concelho de Lagoa

Com base nas análises efectuadas e nos resultados expostos, conclui-se que a qualidade da água fornecida na Zona de Abastecimento Concelho de Lagoa, cumpre os valores paramétricos de acordo com a legislação em vigor aplicável à "Água destinada ao Consumo Humano".

O Presidente da Câmara Municipal
Luís António Almeida da Encarnação

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