

 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).						2.º Trimestre 2025 ver00		
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%	20	20	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	20	20	100%
Desinfetante residual (mg/L Cl2)	---	< 0,1 (LQ)	0,80	0	100%	20	20	100%
Alumínio (µg/L Al)	200	<50 (LQ)	160	0	100%	12	12	100%
Azoto Amónico (mg/L NH4)	0,50	<0,02 (LQ)	<0,02 (LQ)	0	100%	1	1	100%
Número de colónias a 22 °C (UFC/ml)	---	ND (>)	141	0	100%	12	12	100%
Número de colónias a 36 °C (UFC/ml)	---	---	---	---	---	---	---	---
Condutividade (µS/cm a 20°C)	2500	348	472	0	100%	12	12	100%
<i>Clostridium perfringens</i> (UFC/100ml)	0	0	0	0	100%	12	12	100%
Cor (mg/L PtCo)	20	< 2,0 (LQ)	5	0	100%	12	12	100%
pH (Unidades pH)	28,5 a 9,5	7,4	8,1	0	100%	12	12	100%
Ferro (µg/L Fe)	200	<50 (LQ)	83	0	100%	12	12	100%
Manganês (µg/L Mn)	50	<15 (LQ)	<15 (LQ)	0	100%	12	12	100%
Nítritos (mg/L NO2)	0,5	<0,020 (LQ)	<0,020 (LQ)	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	<1 (LQ)	<1 (LQ)	0	100%	12	12	100%
Oxidabilidade (mg/L O2)	5	<1,5 (LQ)	<1,5 (LQ)	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1 (LQ)	<1 (LQ)	0	100%	12	12	100%
Turbidez (UNT)	4	< 0,30 (LQ)	0,72	0	100%	12	12	100%
Benzo(a)pireno (µg/L)	0,01	< 0,003 (LQ)	< 0,003 (LQ)	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	32,0	32,0	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	2,80	4,20	0	100%	12	12	100%
Chumbo (µg/L Pb)	10	<3,0 (LQ)	<3,0 (LQ)	0	100%	1	1	100%
Cobre (mg/L Cu)	2	<0,020 (LQ)	<0,020 (LQ)	0	100%	1	1	100%
Crómio (µg/L Cr)	50	<2,0 (LQ)	<2,0 (LQ)	0	100%	1	1	100%
Cloritos (mg/L ClO2)	0,7	<0,005 (LQ)	<0,005 (LQ)	0	100%	1	1	100%
Clorato (mg/L ClO3)	0,7	<0,0080 (LQ)	<0,0080 (LQ)	0	100%	1	1	100%
Potássio (mg/L K)	---	1,6	1,6	0	100%	1	1	100%
Dureza total (mg/L CaCO3)	---	130	130	0	100%	1	1	100%
Enterococos Fecais (UFC/100 mL)	0	0	0	0	100%	12	12	100%
Magnésio (mg/L Mg)	---	13	13	0	100%	1	1	100%
Níquel (µg/L Ni)	20	<5 (LQ)	<5 (LQ)	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,1	< 0,010 (LQ)	< 0,010 (LQ)	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	< 0,010 (LQ)	< 0,010 (LQ)	0	100%	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,010 (LQ)	< 0,010 (LQ)	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	< 0,010 (LQ)	< 0,010 (LQ)	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	< 0,010 (LQ)	< 0,010 (LQ)	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	4	4	0	100%	1	1	100%
Cloroformio(µg/L)	---	<3 (LQ)	<3 (LQ)	0	100%	1	1	100%
Bromofórmio(µg/L)	---	<3 (LQ)	<3 (LQ)	0	100%	1	1	100%
Bromodiclorometano(µg/L)	---	<3 (LQ)	<3 (LQ)	0	100%	1	1	100%
Dibromodiclorometano(µg/L)	---	4	4	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 - Torrinha

1,2 dicloroetano (µg/L)	3	<0,10	---	---	---	---	---
AMPA	0,1	<0,030	---	---	---	---	---
Antimônio (µg/L Sb)	5	<0,50	---	---	---	---	---
Arsénio (µg/L As)	10	<0,50	---	---	---	---	---
Bentazona (µg/L)	0,1	<0,03	---	---	---	---	---
Benzeno (µg/L)	1	<0,30	---	---	---	---	---
Boro Total (mg/L)	1	0,0225	---	---	---	---	---
Bromatos (µg/l BrO3)	10	10	---	---	---	---	---
Cádmio total (µg/l Cd)	5	<1,5	---	---	---	---	---
Cianetos (µg/l Cn)	50	<5,00	---	---	---	---	---
Cloretos (mg/l Cl)	250	51	---	---	---	---	---
Desetilerbutilazina (µg/l)	0,1	<0,03	---	---	---	---	---
Dimetenamida-Pl (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	0,09	---	---	---	---	---
Glifosato (µg/l)	0,1	<0,030	---	---	---	---	---
Imidaclopride (µg/l)	0,1	<0,03	---	---	---	---	---
M656PH051	0,1	<0,03	---	---	---	---	---
Mecoprop (µg/l)	0,1	<0,03	---	---	---	---	---
Mercurio (µg/l Hg)	1	<0,200	---	---	---	---	---
Metolaclo (µg/l)	1	<0,03	---	---	---	---	---
Nitratos (mg/l NO3)	50	4,2	---	---	---	---	---
Orneotano (µg/l)	0,1	<0,03	---	---	---	---	---
Pesticidas Total (µg/l)	0,5	<0,03	---	---	---	---	---
Selénio (µg/l Se)	10	<2,0	---	---	---	---	---
Sódio (mg/l Na)	200	29	---	---	---	---	---
Sulfatos (mg/l SO4)	250	32	---	---	---	---	---
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 Alves da Encarnação

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