

 <b>MUNICÍPIO DE LAGOA</b>		<b>CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO* DO CONCELHO DE LAGOA</b>				<b>EDITAL</b>		
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).						<b>1.º Trimestre 2023 Versão.00</b>		
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%	13	13	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	13	13	100%
Desinfetante residual (mg/L Cl2)	---	<0,20 (LQ)	0,69	0	100%	13	13	100%
Alumínio (µg/L Al)	200	30	190	0	100%	9	9	100%
Azoto Amoniacal (mg/L NH4)	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%	9	9	100%
Número de colónias a 36 °C (UFC/ml)	---	0	0	0	100%	9	9	100%
Condutividade (µS/cm a 20°C)	2500	329	416	0	100%	9	9	100%
Clostridium perfringens (UFC/100ml)	0	0	0	0	100%	9	9	100%
Cor (mg/L PCo)	20	< 5,00 (LQ)	< 5,00 (LQ)	0	100%	9	9	100%
pH (Unidades pH)	26,5 a 29,5	6,8 (22°C)	8,0 (19°C)	0	100%	9	9	100%
Ferro (µg/L Fe)	200	<2,0 (LQ)	85,1	0	100%	9	9	100%
Manganês (µg/L Mn)	50	3,29	114	1	89%	9	9	100%
Nitritos (mg/L NO2)	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%	9	9	100%
Oxidabilidade (mg/L O2)	5	1,63	1,63	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	9	9	100%
Turvação (UNT)	4	< 0,40 (LQ)	1,05	0	100%	9	9	100%
Benzo(a)pireno (µg/L)	0,01	< 0,0030 (LQ)	< 0,0030 (LQ)	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	38,0	38,0	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	2,19	9,77	0	100%	1	1	100%
Chumbo (µg/L Pb)	10	1,2	1,2	0	100%	1	1	100%
Cobre (mg/L Cu)	2	0,0266	0,0266	0	100%	1	1	100%
Crómio (µg/L Cr)	50	< 1,0 (LQ)	< 1,0 (LQ)	0	100%	1	1	100%
Cloritos (mg/L ClO2)	0,7	---	---	---	---	---	---	---
Clorato (mg/L ClO3)	0,7	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	199	199	0	100%	1	1	100%
Enterococos Fecais (UFC/100 ml)	0	0	0	0	100%	9	9	100%
Magnésio (mg/L Mg)	---	25,2	25,2	0	100%	1	1	100%
Níquel (µg/L Ni)	20	4	4	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)	---	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	41,5	41,5	0	100%	1	1	100%
Clorofórmio (µg/L)	---	1,60	1,60	0	100%	1	1	100%
Bromofórmio (µg/L)	---	14,4	14,4	0	100%	1	1	100%
Bromodiclorometano (µg/L)	---	7,92	7,92	0	100%	1	1	100%
Dibromoclorometano (µg/L)	---	17,6	17,6	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
		Mínimo	Máximo			Agendadas	Realizadas	
Ponto de Entrega - Alporchinhos								
1,2 dicloroetano (µg/L)	3	<0,10		---	---	---	---	---

Antimónio ( $\mu\text{g/L Sb}$ )	5	<1,5	---	---	---	---	---
Arsénio ( $\mu\text{g/L As}$ )	10	<3,0	---	---	---	---	---
Bentazona ( $\mu\text{g/L}$ )	0,1	<0,03	---	---	---	---	---
Benzeno ( $\mu\text{g/L}$ )	1	0,45	---	---	---	---	---
Boro Total ( $\text{mg/L}$ )	1	0,037	---	---	---	---	---
Bromatos ( $\mu\text{g/l BrO}_3$ )	10	2,3	---	---	---	---	---
Cádmio total ( $\mu\text{g/l Cd}$ )	5	<1,5	---	---	---	---	---
Cianetos ( $\mu\text{g/l Cn}$ )	50	<5,00	---	---	---	---	---
Cloretos ( $\text{mg/l Cl}$ )	250	59	---	---	---	---	---
Clorpirifos ( $\mu\text{g/L}$ )	0,1	<0,03	---	---	---	---	---
Desetilsimazina ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Desetilterbutilazina ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Dimetenamida-P ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Dimetoato ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Diurão ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Dose indicativa total (MSV/ano)	0,10	<0,10	---	---	---	---	---
Fluoretos ( $\text{mg/l F}$ )	1,5	0,13	---	---	---	---	---
Imidaclopride ( $\mu\text{g/L}$ )	0,1	<0,03	---	---	---	---	---
Linurão ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Mecopropes ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
MCPA ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Mercúrio ( $\mu\text{g/l Hg}$ )	1	<0,200	---	---	---	---	---
Metolaclo ( $\mu\text{g/l}$ )	1	<0,03	---	---	---	---	---
Metribuzina ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Nitratos ( $\text{mg/l NO}_3$ )	50	4,0	---	---	---	---	---
Omeotano ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Pesticidas Total ( $\mu\text{g/l}$ )	0,5	<0,03	---	---	---	---	---
Selénio ( $\mu\text{g/l Se}$ )	10	<3,0	---	---	---	---	---
Simazina ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Sódio ( $\text{mg/l Na}$ )	200	34	---	---	---	---	---
Sulfatos ( $\text{mg/l SO}_4$ )	250	67	---	---	---	---	---
Terbutilazina ( $\mu\text{g/l}$ )	0,1	<0,03	---	---	---	---	---
Tetracloroetano ( $\mu\text{g/l}$ )	---	<0,10	---	---	---	---	---
Tetracloroetano e tricloroetano ( $\mu\text{g/l}$ )	10	<1,0	---	---	---	---	---
Tricloroetano ( $\mu\text{g/l}$ )	---	<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", à exceção do parâmetro Manganês, que excedeu o respetivo valor paramétrico definidos no Decreto-Lei. Foi realizada análise de verificação deste parâmetro, tendo o resultado obtido revelado o cumprimento do valores paramétricos.

O Presidente da Câmara Municipal  
Luís António Nunes de Encarnação

Data de publicação:

06/06/2023