

 <b>MUNICÍPIO DE LAGOA</b>		<b>CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO<sup>1</sup> 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 2022 Versão.01</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	
<i>Escherichia coli</i> [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 Cl <sub>2</sub> )	---	< 0,2 (LQ)	0,92	0	100%	13	13	100%
Alumínio [µg/L Al]	200	54	101	0	100%	9	9	100%
Amónio (mg/L NH <sub>4</sub> )	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	276	2,99E+02	0	100%	9	9	100%
<i>Clostridium perfringens</i> (UFC/100ml)	0	0	0	0	100%	9	9	100%
Cor (mg/L PtCo)	20	< 5,00 (LQ)	< 5,00 (LQ)	0	100%	9	9	100%
pH (Unidades pH)	≥6,5 e ≤9,5	7,3 (20°C)	8,0 (16°C)	0	100%	9	9	100%
Ferro [µg/L Fe]	200	3,6	3,6	0	100%	1	1	100%
Manganês [µg/L Mn]	50	2,3	7	0	100%	9	9	100%
Nitritos (mg/L NO <sub>2</sub> )	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 O <sub>2</sub> )	5	1,41	1,41	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)	≤0,40 (LQ)	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)	---	18,00	18,00	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	2,47	2,47	0	100%	1	1	100%
Chumbo (µg/L Pb)	10	<1,0 (LQ)	<1,0 (LQ)	0	100%	1	1	100%
Cobre (mg/L Cu)	2	0,0206	0,0206	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 <sub>2</sub> )	0,7	---	---	---	---	---	---	---
Clorato [(mg/L ClO <sub>3</sub> )	0,7	---	---	---	---	---	---	---
Dureza total (mg/L CaCO <sub>3</sub> )	---	113	113	0	100%	1	1	100%
Enterococos Fecais (UFC/100 mL)	0	0	0	0	100%	9	9	100%
Magnésio (mg/L Mg)	---	16,6	16,6	0	100%	1	1	100%
Níquel [µg/L Ni]	20	4,8	4,8	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	19,5	19,5	0	100%	1	1	100%
Cloroformio (µg/L)	---	1,10	1,10	0	100%	1	1	100%
Bromofórmio (µg/L)	---	5,63	5,63	0	100%	1	1	100%
Bromodlorometano (µg/L)	---	3,85	3,85	0	100%	1	1	100%
Dibromoclorometano (µg/L)	---	8,89	8,89	0	100%	1	1	100%
Radão (Bq/L)	600	< 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 - Torrinha								
1,2 dicloroetano (µg/L)	3	<0,10	---	---	---	---	---	---

Antimónio (µg/L Sb)	5	<1,5	---	---	---	---	---
Arsénio(µg/L As)	10	<3,0	---	---	---	---	---
Benzeno (µg/L)	1	<0,30	---	---	---	---	---
Boro Total (mg/L)	1	<0,030	---	---	---	---	---
Bromatos (µg/l BrO3)	10	2,1	---	---	---	---	---
Cádmio total(µg/l Cd)	5	<1,5	---	---	---	---	---
Cianetos (µg/l Cn)	50	<5,00	---	---	---	---	---
Cloretos(mg/l Cl)	250	51	---	---	---	---	---
Desetilsimazina (µg/l)	0,1	<0,03	---	---	---	---	---
Desetilterbutilazina(µg/l)	0,1	<0,03	---	---	---	---	---
Dimetoato(µg/l)	0,1	<0,03	---	---	---	---	---
Dicloro(µg/l)	0,1	<0,03	---	---	---	---	---
Dose indicativa total(MSv/ano)	0,10	<0,10	---	---	---	---	---
Fluoretos(mg/l F)	1,5	0,09	---	---	---	---	---
Linurão(µg/l)	0,1	<0,03	---	---	---	---	---
Mecoprope(µg/l)	0,1	<0,03	---	---	---	---	---
Mercurio(µg/l Hg)	1	<0,200	---	---	---	---	---
Metolacloro(µg/l)	1	<0,03	---	---	---	---	---
Nitratos(mg/l NO3)	50	1,7	---	---	---	---	---
Omeotano(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	27	---	---	---	---	---
Sulfatos(mg/l SO4)	250	40	---	---	---	---	---
Terbutilazina(µg/l)	0,1	<0,03	---	---	---	---	---
Tetracloroetano(µg/l)	---	<0,10	---	---	---	---	---
Tetracloroetano e tricloroetano(µg/l)	10	<1,0	---	---	---	---	---
Tricloroetano(µg/l)	---	<1,0	---	---	---	---	---
Clorpirifos(µg/L)	0,1	<0,03	---	---	---	---	---
Imidaclopride(µg/L)	0,1	<0,03	---	---	---	---	---
Bentazona(µg/L)	0,1	<0,03	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: Concelho de Lagos

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

O Presidente da Câmara Municipal

Luis António Alves da Encarnação

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