

 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 2021 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%	19	19	100%
Bactérias coliformes (N/100 ml)	0	0	46	2	89%	19	19	100%
Desinfetante residual (mg/L Cl2)	---	< 0,2 (LQ)	0,84	0	100%	19	19	100%
Alumínio (µg/L Al)	200	19,2	110	0	100%	11	11	100%
Amónio (mg/L NH ₄)	0,50	< 0,125 (LQ)	< 0,125 (LQ)	0	100%	2	2	100%
Número de colónias a 22 °C (UFC/ml)	---	0	>300	0	100%	11	11	100%
Número de colónias a 36 °C (UFC/ml)	---	0	>300	0	100%	11	11	100%
Condutividade (µS/cm a 20°C)	2500	274	300	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]	8,5 e ≤9,5	7,2 (18°C)	8,2 (23°C)	0	100%	11	11	100%
Ferro (µg/L Fe)	200	56,5	931	1	50%	2	2	100%
Manganês (µg/L Mn)	50	2,44	34,6	0	100%	11	11	100%
Nitritos (mg/L NO ₂)	0,5	< 0,100 (LQ)	< 0,100 (LQ)	0	100%	2	2	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	11	11	100%
Oxidabilidade (mg/L O2)	5	1,62	1,77	0	100%	2	2	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	11	11	100%
Turbidez (UNT)	4	< 0,40 (LQ)	7,8	1	91%	11	11	100%
Benzo(a)pireno (µg/L)	0,01	< 0,0030 (LQ)	< 0,0030 (LQ)	0	100%	2	2	100%
Cálcio (mg/L Ca)	---	18,00	18,00	0	100%	2	2	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	1,27	2,18	0	100%	2	2	100%
Chumbo (µg/L Pb)	10	1,1	5,2	0	100%	2	2	100%
Cobre (mg/L Cu)	2	0,017	0,057	0	100%	2	2	100%
Crómio (µg/L Cr)	50	< 1,0 (LQ)	< 1,0 (LQ)	0	100%	2	2	100%
Clorito5 (mg/L ClO2)	0,7	---	---	---	---	---	---	---
Clorato (mg/L ClO3)	0,7	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	100	106	0	100%	2	2	100%
Enterococos Fecais (UFC/100 ml)	0	0	7	1	91%	11	11	100%
Magnésio (mg/L Mg)	---	13,4	14,9	0	100%	2	2	100%
Níquel (µg/L Ni)	20	< 2,0 (LQ)	3,7	0	100%	2	2	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	2	2	100%
Benzo(b)fluoranteno (µg/L)	---	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	2	2	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	2	2	100%
Benzo(ghi)pirileno (µg/L)	---	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	2	2	100%
Indeno(1,2,3-cd)pireno (µg/L)	---	< 0,0200 (LQ)	< 0,0200 (LQ)	0	100%	2	2	100%
Trihalometanos - total (µg/L):	100	41,5	62,7	0	100%	2	2	100%
Clorofórmio (µg/L)	---	2,6	3,86	0	100%	2	2	100%
Bromofórmio (µg/L)	---	9,15	15,8	0	100%	2	2	100%
Bromodiclorometano (µg/L)	---	8,27	11,7	0	100%	2	2	100%
Dibromoclorometano (µg/L)	---	21,5	31,3	0	100%	2	2	100%
Radão (Bq/L)	500	< 10,0 (LQ)	< 10,0 (LQ)	0	100%	2	2	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								
Cloritrifos (µg/L)	0,1	<0,03		---	---	---	---	---

Imidaclopride (µg/L)	0,1	<0,03	---	---	---	---	---
Pesticidas Total (µg/l)	0,5	<0,03	---	---	---	---	---
1,2 dicloroetano (µg/L)	3	<0,10	---	---	---	---	---
Antimónio (µg/L Sb)	5	<2,0	---	---	---	---	---
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	---	---	---	---	---
Cloretos (mg/l Cl)	250	47	---	---	---	---	---
Clorpirifos (µg/L)	0,1	<0,03	---	---	---	---	---
Desetilsimazina (µg/l)	0,1	<0,03	---	---	---	---	---
Desetilterbutilazina (µg/l)	0,1	<0,03	---	---	---	---	---
Dimetato (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	---	---	---	---	---
Imidaclopride (µg/L)	0,1	<0,03	---	---	---	---	---
Linurão (µg/l)	0,1	<0,03	---	---	---	---	---
MCPA (µg/l)	0,1	<0,03	---	---	---	---	---
Mercurio (µg/l Hg)	1	<0,200	---	---	---	---	---
Metolaclo (µg/l)	1	<0,03	---	---	---	---	---
Nitratos (mg/l NO3)	50	1,6	---	---	---	---	---
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	24	---	---	---	---	---
Sulfatos (mg/l SO4)	250	36	---	---	---	---	---
Terbutilazina (µg/l)	0,1	<0,03	---	---	---	---	---
Tetracloroetano (µg/l)	---	<0,10	---	---	---	---	---
Tetracloroetano e tricloreteno (µg/l)	10	<1,0	---	---	---	---	---
Tricloreteno (µg/l)	---	<1,0	---	---	---	---	---
Ponto de Entrega - Torrinha							
Clorpirifos (µg/L)	0,1	<0,03	---	---	---	---	---
Bentazona (µg/L)	0,1	<0,03	---	---	---	---	---
Pesticidas Total (µg/l)	0,5	<0,03	---	---	---	---	---
Imidaclopride (µg/L)	0,1	<0,03	---	---	---	---	---
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 dos parâmetros Coliformes Totais, Ferro, Turvação e Enterococos fecais, que excederam o respetivo valor paramétrico definidos no Decreto-Lei.							
Foram realizadas análises de verificação destes parâmetros, tendo os resultados obtidos revelado o cumprimento dos valores paramétricos.							
O Presidente da Câmara Municipal Luís António Mendes da Encarnação					Data de publicação: 10/09/2021		