

 MUNICÍPIO DE LAGOA		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO¹ 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).							1.º Trimestre 2021 Versão.00	
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%	5	5	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	5	5	100%
Desinfetante residual (mg/L Cl ₂)	—	< 0,20 (LQ)	0,64	0	100%	5	5	100%
Alumínio (µg/L Al)	200	48,2	90,4	0	100%	3	3	100%
Amónio (mg/L NH ₄)	0,50	—	—	—	—	—	—	—
Número de colónias a 22 °C (UFC/ml)	—	0	0	0	100%	3	3	100%
Número de colónias a 36 °C (UFC/ml)	—	0	0	0	100%	3	3	100%
Condutividade (µS/cm a 20°C)	2500	310,0	320,0	0	100%	3	3	100%
<i>Clostridium perfringens</i> (UFC/100ml)	0	0	0	0	100%	3	3	100%
Cor (mg/L PtCo)	20	<5,00 (LQ)	≤ 5,00 (LQ)	0	100%	3	3	100%
pH (Unidades pH)	≥6,5 e ≤9,5	7,4 (17°C)	7,5 (18°C)	0	100%	3	3	100%
Ferro (µg/L Fe)	200	—	—	—	—	—	—	—
Manganês (µg/L Mn)	50	3,29	22,6	0	100%	3	3	100%
Nitratos (mg/L NO ₃)	50	—	—	—	—	—	—	—
Nitritos (mg/L NO ₂)	0,5	—	—	—	—	—	—	—
Oxidabilidade (mg/L O ₂)	5	—	—	—	—	—	—	—
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%
Turvação (UNT)	4	< 0,4 (LQ)	0,98	0	100%	3	3	100%
Antimónio (µg/L Sb)	5	—	—	—	—	—	—	—
Arsénio (µg/L As)	10	—	—	—	—	—	—	—
Benzeno (µg/L)	1	—	—	—	—	—	—	—
Benzo(a)pireno (µg/L)	0,01	—	—	—	—	—	—	—
Boro (mg/L B)	1	—	—	—	—	—	—	—
Bromatos (µg/L BrO ₃)	10	—	—	—	—	—	—	—
Cádmio (µg/L Cd)	5	—	—	—	—	—	—	—
Cálcio (mg/L Ca)	—	—	—	—	—	—	—	—
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	—	—	—	—	—	—	—
Chumbo (µg/L Pb)	10	—	—	—	—	—	—	—
Cianetos (µg/L CN)	50	—	—	—	—	—	—	—
Cobre (mg/L Cu)	2	—	—	—	—	—	—	—
Crómio (µg/L Cr)	50	—	—	—	—	—	—	—
1,2 – dicloroetano (µg/L)	3	—	—	—	—	—	—	—
Dureza total (mg/L CaCO ₃)	—	—	—	—	—	—	—	—
Enterococos fecais (UFC/100 mL)	0	0	0	0	100%	3	3	100%
Fluoretos (mg/L F)	1,5	—	—	—	—	—	—	—
Magnésio (mg/L Mg)	—	—	—	—	—	—	—	—
Merúrio (µg/L Hg)	1	—	—	—	—	—	—	—

Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Cloritos (mg/l ClO2)	0,7	---	---	---	---	---	---	---
Cloratos (mg/l ClO3)	0,7	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos (mg/L SO ₄)	250	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano(µg/L)	'---	---	---	---	---	---	---	---
Tricloroetano(µg/L)	'---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	---	---	---
Diurão (µg/L)	0,10	---	---	---	---	---	---	---
Linurão (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Desetilterbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Desetilsimazina (µg/L)	0,10	---	---	---	---	---	---	---
Metolaclo (µg/L)	0,10	---	---	---	---	---	---	---
Simazina (µg/L)	0,10	---	---	---	---	---	---	---
Beta Total (Bq/L)	1	---	---	---	---	---	---	---
Clorpirifos (µg/L)	0,10	---	---	---	---	---	---	---
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Imidaclopride (µg/L)	0,10	---	---	---	---	---	---	---
Radão (Bq/L)	500	---	---	---	---	---	---	---
Alfa total (Bq/L)	0,1	---	---	---	---	---	---	---
Dose indicativa total (mSv)	0,1	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: Concelho de Lagoa Superficial+Captações

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

A Vice-Presidente

 Anabela Simão Correia Rocha

Data da publicação:

19/5/2021

(Por delegação de competências, por Despacho do Presidente n.º 106/GAP/2019 de 17/09/2019)