

MUNICÍPIO DE LAGOA		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO <sup>1</sup> 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).								3.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	> 100	1	80%	5	5	100%	
Desinfetante residual (mg/L Cl <sub>2</sub> )	---	< 0,20 (LQ)	0,2	0	100%	5	5	100%	
Alumínio (µg/L Al)	200	27,1	118	0	100%	5	5	100%	
Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	---	---	---	
Número de colónias a 22 °C (UFC/ml)	--	0	19	0	100%	5	5	100%	
Número de colónias a 36 °C (UFC/ml)	--	0	10	0	100%	5	5	100%	
Condutividade (µS/cm a 20°C)	2500	295,0	1,20E+03	0	100%	5	5	100%	
<i>Clostridium perfringens</i> (UFC/100ml)	0	0	0	0	100%	5	5	100%	
Cor (mg/L PtCo)	20	<5,00 (LQ)	≤ 5,00 (LQ)	0	100%	5	5	100%	
pH (Unidades pH)	≥6,5 e ≤9,5	7,3 (23°C)	7,5 (22°C)	0	100%	5	5	100%	
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---	
Manganês (µg/L Mn)	50	1,79	5,24	0	100%	5	5	100%	
Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	---	---	---	
Nitritos (mg/L NO <sub>2</sub> )	0,5	---	---	---	---	---	---	---	
Oxidabilidade (mg/L O <sub>2</sub> )	5	---	---	---	---	---	---	---	
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	5	5	100%	
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	5	5	100%	
Turvação (UNT)	4	< 0,40 (LQ)	< 0,40 (LQ)	0	100%	5	5	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 <sub>3</sub> )	10	---	---	---	---	---	---	---	
Cádmio (µg/L Cd)	5	---	---	---	---	---	---	---	
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---	
Carbono Orgânico Total (mg/L C)	Sem alteração anormal		---	---	---	---	---	---	
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---	
Cianetas (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 <sub>3</sub> )	---	---	---	---	---	---	---	---	
Enterococos fecais (UFC/100 mL)	0	0	0	0	100%	5	5	100%	
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---	
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---	
Mercúrio (µg/L Hg)	1	---	---	---	---	---	---	---	
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---	

Selénio ( $\mu\text{g/L}$ Se)	10	---	---	---	---	---	---
Cloreto ( $\text{mg/L Cl}$ )	250	---	---	---	---	---	---
Cloritos ( $\text{mg/l ClO}_2$ )	0,7	---	---	---	---	---	---
Cloratos ( $\text{mg/l ClO}_3$ )	0,7	---	---	---	---	---	---
Sódio ( $\text{mg/L Na}$ )	200	---	---	---	---	---	---
Sulfatos ( $\text{mg/L SO}_4$ )	250	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno ( $\mu\text{g/L}$ ):	10	---	---	---	---	---	---
Tetracloroeteno( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Tricloroeteno( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos ( $\mu\text{g/L}$ ):	0,10	---	---	---	---	---	---
Benzo(b)fluoranteno ( $\mu\text{g/L}$ )	—	---	---	---	---	---	---
Benzo(k)fluoranteno ( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Benzo(ghi)períleno ( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Trihalometanos - total ( $\mu\text{g/L}$ ):	100	---	---	---	---	---	---
Clorofórmio( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Bromofórmio( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Bromodíclorometano( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Dibromodíclorometano( $\mu\text{g/L}$ )	---	---	---	---	---	---	---
Pesticidas – total ( $\mu\text{g/L}$ )	0,50	---	---	---	---	---	---
Diurão ( $\mu\text{g/L}$ )	0,10	---	---	---	---	---	---
Linurão ( $\mu\text{g/L}$ )	0,10	---	---	---	---	---	---
Terbutilazina ( $\mu\text{g/L}$ )	0,10	---	---	---	---	---	---
Desetilterbutilazina ( $\mu\text{g/L}$ )	0,10	---	---	---	---	---	---
Desetilsimazina ( $\mu\text{g/L}$ )	0,10	---	---	---	---	---	---
Metoladoloro ( $\mu\text{g/L}$ )	0,10	---	---	---	---	---	---
Simazina ( $\mu\text{g/L}$ )	0,10	---	---	---	---	---	---
Beta Total (Bq/L)	1	---	---	---	---	---	---
Clorpirifos ( $\mu\text{g/L}$ )	0,10	< 0,0300 (LQ)	< 0,0300 (LQ)	0	100%	1	1
Bentazona ( $\mu\text{g/L}$ )	0,10	---	---	---	---	---	---
Imidaclopride ( $\mu\text{g/L}$ )	0,10	< 0,0300 (LQ)	< 0,0300 (LQ)	0	100%	1	1
Radão (Bq/L)	500	---	---	---	---	---	---
Alfa total (Bq/L)	0,1	---	---	---	---	---	---
Dose indicativa total (mSv)	0,1	---	---	---	---	---	---
Urânio 234 (Bq/L)	---	---	---	---	---	---	---
Urânio 238 (Bq/L)	---	---	---	---	---	---	---
Polónio (Bq/L)	---	---	---	---	---	---	---
Rádio (Bq/L)	—	---	---	---	---	---	---

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", à exceção do parâmetro Coliformes Totais, 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 valor paramétrico.

O Presidente da Câmara Municipal

Luis António Alves da Encarnação

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24/11/2021