
 <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 2021</b> 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%	13	13	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	13	13	100%
Desinfetante residual (mg/L Cl2)	---	< 0,2 (LQ)	0,79	0	100%	13	13	100%
Alumínio (µg/L Al)	200	38,4	131	0	100%	7	7	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%	7	7	100%
Número de colónias a 36 °C (UFC/ml)	---	0	0	0	100%	7	7	100%
Condutividade (µS/cm a 20°C)	2500	284	318	0	100%	7	7	100%
<i>Clostridium perfringens</i> (UFC/100ml)	0	0	0	0	100%	7	7	100%
Cor (mg/L PtCo)	20	< 5,00 (LQ)	< 5,00 (LQ)	0	100%	7	7	100%
pH (Unidades pH)	≥6,5 e ≤9,5	7,2 (18°C)	7,7 (18°C)	0	100%	7	7	100%
Ferro (µg/L Fe)	200	17,7	17,7	0	100%	1	1	100%
Manganes (µg/L Mn)	50	6,19	12,2	0	100%	7	7	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%	7	7	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	1,46	1,46	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	7	7	100%
Turvação (UNT)	4	< 0,40 (LQ)	0,99	0	100%	7	7	100%
Benzo(a)pireno (µg/L)	0,01	< 0,0030 (LQ)	< 0,0030 (LQ)	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	20,00	20,00	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	1,68	1,68	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	0,0041	0,0041	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%	7	7	100%
Magnésio (mg/L Mg)	---	15,3	15,3	0	100%	1	1	100%
Níquel (µg/L Ni)	20	< 2,0 (LQ)	< 2,0 (LQ)	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	42,2	42,2	0	100%	1	1	100%
Cloroformio(µg/L)	---	1,22	1,22	0	100%	1	1	100%
Bromofórmio(µg/L)	---	15,1	15,1	0	100%	1	1	100%
Bromodiclorometano(µg/L)	---	5,72	5,72	0	100%	1	1	100%
Dibromoclorometano(µg/L)	---	20,2	20,2	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 - Torrinha								
Data: 11/01/2021								
1,2 dicloroetano(µg/L)	3	< 0,10	< 0,10	---	---	---	---	---

Antimônio (µg/L Sb)	5	<2,0	---	---	---	---	---
Arsênio(µg/L As)	10	<3,0	---	---	---	---	---
Benzeno (µg/L)	1	<0,30	---	---	---	---	---
Boro Total (mg/L)	1	<0,030	---	---	---	---	---
Bromatos (µg/l BrO3)	10	<5	---	---	---	---	---
Cádmio total(µg/l Cd)	5	<1,5	---	---	---	---	---
Cianetos (µg/l Cn)	50	<5,00	---	---	---	---	---
Cloretos(mg/l Cl)	250	57	---	---	---	---	---
Desetilsimazina (µg/l)	0,1	<0,03	---	---	---	---	---
Desetilterbutilazina(µg/l)	0,1	<0,03	---	---	---	---	---
Dimetoato(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	<0,20	---	---	---	---	---
Linurão(µg/l)	0,1	<0,03	---	---	---	---	---
MCPA(µg/l)	0,1	<0,03	---	---	---	---	---
Mercurio(µg/l Hg)	1	<0,200	---	---	---	---	---
Metolacolor(µg/l)	1	<0,03	---	---	---	---	---
Nitratos(mg/l NO3)	50	2,4	---	---	---	---	---
Omeotano(µg/l)	0,1	<0,03	---	---	---	---	---
Pesticidas Total(µg/l)	0,5	<0,03	---	---	---	---	---
Selênio(µg/l Se)	10	<0,4	---	---	---	---	---
Simazina(µg/l)	0,1	<0,03	---	---	---	---	---
Sódio(mg/l Na)	200	27	---	---	---	---	---
Sulfatos(mg/l SO4)	250	38	---	---	---	---	---
Terbutilazina(µg/l)	0,1	<0,03	---	---	---	---	---
Tetracloroeteno(µg/l)	---	<0,10	---	---	---	---	---
Tetracloroeteno e tricloreteno(µg/l)	10	<1,0	---	---	---	---	---
Tricloreteno(µg/l)	---	<1,0	---	---	---	---	---
Data: 08/03/2021							
1,2 dicloroetano(µg/l)	3	<0,10	---	---	---	---	---
Antimônio (µg/L Sb)	5	<2,0	---	---	---	---	---
Arsênio(µg/L As)	10	<3,0	---	---	---	---	---
Benzeno (µg/L)	1	<0,30	---	---	---	---	---
Boro Total (mg/L)	1	<0,030	---	---	---	---	---
Bromatos (µg/l BrO3)	10	<5	---	---	---	---	---
Cádmio total(µg/l Cd)	5	<1,5	---	---	---	---	---
Cianetos (µg/l Cn)	50	<5,00	---	---	---	---	---
Cloretos(mg/l Cl)	250	50	---	---	---	---	---
Desetilsimazina (µg/l)	0,1	<0,03	---	---	---	---	---
Desetilterbutilazina(µg/l)	0,1	<0,03	---	---	---	---	---
Dimetoato(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	<0,20	---	---	---	---	---
Linurão(µg/l)	0,1	<0,03	---	---	---	---	---
MCPA(µg/l)	0,1	<0,03	---	---	---	---	---
Mercurio(µg/l Hg)	1	<0,200	---	---	---	---	---
Metolacolor(µg/l)	1	<0,03	---	---	---	---	---
Nitratos(mg/l NO3)	50	2,2	---	---	---	---	---
Omeotano(µg/l)	0,1	<0,03	---	---	---	---	---
Pesticidas Total(µg/l)	0,5	<0,03	---	---	---	---	---
Selênio(µg/l Se)	10	<2,00	---	---	---	---	---
Simazina(µg/l)	0,1	<0,03	---	---	---	---	---
Sódio(mg/l Na)	200	26	---	---	---	---	---
Sulfatos(mg/l SO4)	250	37	---	---	---	---	---
Terbutilazina(µg/l)	0,1	<0,03	---	---	---	---	---

Tetracloroeteno [ $\mu\text{g/l}$ ]	---	<0,10	---	---	---	---	---
Tetracloroeteno e tricloroeteno [ $\mu\text{g/l}$ ]	10	<1,0	---	---	---	---	---
Tricloroeteno [ $\mu\text{g/l}$ ]	---	<1,0	---	---	---	---	---
Data: 22/03/2021							
Bentazona [ $\mu\text{g/l}$ ]	0,1	<0,03	---	---	---	---	---
Clorpirifos [ $\mu\text{g/l}$ ]	0,1	<0,03	---	---	---	---	---
Imidaclopride [ $\mu\text{g/l}$ ]	0,1	<0,03	---	---	---	---	---
Pesticidas Total [ $\mu\text{g/l}$ ]	0,5	<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".							
A Vice-Presidente,  Anabela Simão-Correia Rocha					Data de publicação: 19/5/2021.		
[Por delegação de competências, por Despacho do Presidente n.º 106/GAP/2019 de 17/09/2019]							

