

 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 2022 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	
Escherichia coli (N/100 ml)	0	0	0	0	100%	19	19	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	19	19	100%
Desinfetante residual (mg/L Cl2)	---	0,29	0,76	0	100%	19	19	100%
Alumínio (µg/L Al)	200	14	82	0	100%	12	12	100%
Azoto Amónico (mg/L NH4)	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%	12	12	100%
Número de colónias a 36 °C (UFC/ml)	---	0	0	0	100%	12	12	100%
Condutividade (µS/cm a 20°C)	2500	262	298	0	100%	12	12	100%
Clostridium perfringens (UFC/100ml)	0	0	0	0	100%	12	12	100%
Cor (mg/L PtCo)	20	< 5,00 (LQ)	< 5,00 (LQ)	0	100%	12	12	100%
pH (Unidades pH)	≥6,5 e ≤8,5	7,0 (20°C)	7,6 (16°C)	0	100%	12	12	100%
Ferro (µg/L Fe)	200	<2,0 (LQ)	<2,0 (LQ)	0	100%	1	1	100%
Manganês (µg/L Mn)	50	0,50	17,8	0	100%	12	12	100%
Nitritos (mg/L NO2)	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%	12	12	100%
Oxidabilidade (mg/L O2)	5	<0,100 (LQ)	<0,100 (LQ)	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	12	12	100%
Turvação (UNT)	4	<0,40 (LQ)	1,43	0	100%	12	12	100%
Benzo(a)pireno (µg/L)	0,01	<0,0030 (LQ)	<0,0030 (LQ)	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	17,6	17,6	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	2,58	2,58	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	0,0113	0,0113	0	100%	1	1	100%
Crómio (µg/L Cr)	50	< 1,0 (LQ)	< 1,0 (LQ)	0	100%	1	1	100%
Cloritos (mg/L ClO2)	0,7	---	---	---	---	---	---	---
Clorato (mg/L ClO3)	0,7	---	---	---	---	---	---	---
Dureza total (mg/L CaCO3)	---	104	104	0	100%	1	1	100%
Enterococos Fecais (UFC/100 mL)	0	0	0	0	100%	12	12	100%
Magnésio (mg/L Mg)	---	14,7	14,7	0	100%	1	1	100%
Níquel (µg/L Ni)	20	2,1	2,1	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	16	16	0	100%	1	1	100%
Clorofórmio(µg/L)	---	0,65	0,65	0	100%	1	1	100%
Bromofórmio(µg/L)	---	5,2	5,2	0	100%	1	1	100%
Bromodlorometano(µg/L)	---	2,88	2,88	0	100%	1	1	100%
Dibromodlorometano(µg/L)	---	7,23	7,23	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 - Alporchinhos								
1,2 dicloroetano(µg/L)	3	<0,10	<0,10	---	---	---	---	---

Antimónio (µg/L Sb)	5	<1,5	---	---	---	---	---
Arsénio(µg/L As)	10	<3,0	---	---	---	---	---
Benzeno (µg/L)	1	<0,30	---	---	---	---	---
Bentazona(µg/L)	0,1	<0,03	---	---	---	---	---
Boro Total (mg/L)	1	<0,030	---	---	---	---	---
Bromatos (µg/l BrO3)	10	<2,0	---	---	---	---	---
Cádmio total(µg/l Cd)	5	<1,5	---	---	---	---	---
Cianetos (µg/l Cn)	50	<5,00	---	---	---	---	---
Cloretos(mg/l Cl)	250	52	---	---	---	---	---
Clorpirifos(µg/L)	0,1	<0,03	---	---	---	---	---
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	0,1	---	---	---	---	---
Imidaclopride(µg/L)	0,1	<0,03	---	---	---	---	---
Linurão(µg/l)	0,1	<0,03	---	---	---	---	---
Mecoprope(µg/l)	0,1	<0,03	---	---	---	---	---
Mercurio(µg/l Hg)	1	<0,200	---	---	---	---	---
Metolacloz(µg/l)	1	<0,03	---	---	---	---	---
Nitratos(mg/l NO3)	50	2,1	---	---	---	---	---
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	28	---	---	---	---	---
Sulfatos(mg/l SO4)	250	42	---	---	---	---	---
Terbutilazina(µg/l)	0,1	<0,03	---	---	---	---	---
Tetracloreteno(µg/l)	---	<0,10	---	---	---	---	---
Tetracloreteno e tricloroeteno(µg/l)	10	<1,0	---	---	---	---	---
Tricloroeteno(µg/l)	---	<1,0	---	---	---	---	---
Ponto de Entrega - Torrinha							
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
					Agendadas	Realizadas	
Ponto de Entrega - Alporchinhos							
1,2 dicloroetano(µg/L)	3	<0,10	---	---	---	---	---
Antimónio (µg/L Sb)	5	<1,5	---	---	---	---	---
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	2,9	---	---	---	---	---
Cádmio total(µg/l Cd)	5	<1,5	---	---	---	---	---
Cianetos (µg/l Cn)	50	<5,00	---	---	---	---	---
Cloretos(mg/l Cl)	250	48	---	---	---	---	---
Clorpirifos(µg/L)	0,1	<0,03	---	---	---	---	---
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	0,09	---	---	---	---	---
Linurão(µg/l)	0,1	<0,03	---	---	---	---	---
Imidaclopride(µg/L)	0,1	<0,03	---	---	---	---	---
Mecoprope(µg/l)	0,1	<0,03	---	---	---	---	---

Mercúrio ($\mu\text{g/l Hg}$)	1	<0,200	---	---	---	---	---
Metolaclo ($\mu\text{g/l}$)	1	<0,03	---	---	---	---	---
Nitrato (mg/l NO_3)	50	2,3	---	---	---	---	---
Omeotano ($\mu\text{g/l}$)	0,1	<0,03	---	---	---	---	---
Pesticidas Total ($\mu\text{g/l}$)	0,5	<0,03	---	---	---	---	---
Selénio ($\mu\text{g/l Se}$)	10	<0,3	---	---	---	---	---
Símazina ($\mu\text{g/l}$)	0,1	<0,03	---	---	---	---	---
Sódio (mg/l Na)	200	29	---	---	---	---	---
Sulfatos (mg/l SO_4)	250	38	---	---	---	---	---
Terbutilazina ($\mu\text{g/l}$)	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	---	---	---	---	---

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".

O Presidente da Câmara Municipal
Luís António Alves de Encarnação

Data da publicação:

29/08/2022

