

 <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 2019</b>	
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 Cl <sub>2</sub> )	---	0,3	0,8	0	100%	13	13	100%
Alumínio (µg/L Al)	200	27,9	64	0	100%	7	7	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	<0,12 (LQ)	<0,12 (LQ)	0	100%	1	1	100%
Número de colónias a 22 °C (UFC/ml)	---	11	87	0	100%	7	7	100%
Número de colónias a 36 °C (UFC/ml)	---	7	19	0	100%	7	7	100%
Condutividade (µS/cm a 20°C)	2500	270	347	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 (LQ)	<5 (LQ)	0	100%	7	7	100%
pH (Unidades pH)	≥6,5 e ≤9,5	7,3	7,6	0	100%	7	7	100%
Ferro (µg/L Fe)	200	4,1	4,1	0	100%	1	1	100%
Manganês (µg/L Mn)	50	<10 (LQ)	33,2	1	86%	7	7	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	<0,1 (LQ)	<0,1 (LQ)	0	100%	1	1	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	<1,0 (LQ)	<1,0 (LQ)	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<3	0	100%	7	7	100%
Sabor a 25°C (Factor de diluição)	3	<1	<3	0	100%	7	7	100%
Turvação (UNT)	4	<0,4	<0,7	0	100%	7	7	100%
Benzo(a)pireno (µg/L)	0,01	<0,0050 (LQ)	<0,0050 (LQ)	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	21	21	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%
Clorito (mg/L ClO <sub>2</sub> )	0,7	<0,010 (LQ)	<0,010 (LQ)	0	100%	1	1	100%
Clorato ((mg/L ClO <sub>3</sub> )	0,7	<0,010 (LQ)	<0,010 (LQ)	0	100%	1	1	100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	110	110	0	100%	1	1	100%
Enterococos Fecais (UFC/100 ml)	0	0	0	0	100%	7	7	100%
Magnésio (mg/L Mg)	---	13	13,0	0	100%	1	1	100%
Níquel (µg/L Ni)	20	<2,0 (LQ)	<2,0 (LQ)	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	2,07	2,07	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	<0,08 (LQ)	<0,08 (LQ)	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	<0,020 (LQ)	<0,020 (LQ)	0	100%	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,020 (LQ)	<0,020 (LQ)	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	<0,020 (LQ)	<0,020 (LQ)	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	<0,020 (LQ)	<0,020 (LQ)	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	28,7	28,7	0	100%	1	1	100%
Clorofórmio(µg/L)	---	1,71	1,71	0	100%	1	1	100%
Bromofórmio(µg/L)	---	8,0	8,0	0	100%	1	1	100%
Bromodiclorometano(µg/L)	---	5,29	5,29	0	100%	1	1	100%
Dibromoclorometano(µg/L)	---	13,7	13,7	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
						Agendadas	Realizadas	
1,2 dicloroetano(µg/L)	3	<0,750	---	---	---	---	---	---
Antimónio (µg/L Sb)	5	<2,0	---	---	---	---	---	---
Arsénio(µg/L As)	10	<3,0	---	---	---	---	---	---
Benzeno (µg/L)	1	<0,20	---	---	---	---	---	---
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	---	---	---	---	---	---
Cloreto(mg/l Cl)	250	50	---	---	---	---	---	---
Desetilsmazina (µg/l)	0,1	<0,050	---	---	---	---	---	---
Desetilterbutilazina(µg/l)	0,1	<0,050	---	---	---	---	---	---
Dimetoato(µg/l)	0,1	<0,050	---	---	---	---	---	---
Diurão(µg/l)	0,1	<0,050	---	---	---	---	---	---
Dose indicativa total(MSv/ano)	0,10	<0,10	---	---	---	---	---	---
Fluoretos(mg/l F)	1,5	0,09	---	---	---	---	---	---
Linurão(µg/l)	0,1	<0,050	---	---	---	---	---	---
MCPA(µg/l)	0,1	<0,050	---	---	---	---	---	---
Mercurio(µg/l Hg)	1	<0,3	---	---	---	---	---	---
Metolacoro(µg/l)	1	<0,050	---	---	---	---	---	---
Nitratos(mg/l NO3)	50	2,5	---	---	---	---	---	---
Omeotano(µg/l)	0,1	<0,050	---	---	---	---	---	---
Pesticidas Total(µg/l)	0,5	<0,10	---	---	---	---	---	---
Selénio(µg/l Se)	10	<3,0	---	---	---	---	---	---
Simazina(µg/l)	0,1	<0,050	---	---	---	---	---	---
Sódio(mg/l Na)	200	26	---	---	---	---	---	---
Sulfatos(mg/l SO4)	250	36	---	---	---	---	---	---
Terbutilazina(µg/l)	0,1	<0,050	---	---	---	---	---	---
Tetracloroetano(µg/l)	---	<0,20	---	---	---	---	---	---
Tetracloroetano e tricloroetano(µg/l)	10	<0,30	---	---	---	---	---	---
Tricloroetano(µg/l)	---	<0,10	---	---	---	---	---	---

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

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Francisco José Martins