

SERVIÇOS MUNICIPALIZADOS DE  
ÁGUAS E TRANSPORTES DA  
CÂMARA MUNICIPAL DE  
PORTALEGRE

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO  
NAS ZONAS DE ABASTECIMENTO<sup>1</sup> DO CONCELHO DE PORTALEGRE

EDITAL n.º  
1C/2018

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).

1º TRIMESTRE 2018  
01 janeiro a  
31 março

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%	3	3	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	3	3	100%
Desinfetante residual (mg/L)	---	0,37	1,2	---	---	3	3	100%
Alumínio (µg/L Al)	200	<20		0	100%	1	1	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	<0,05		0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0		---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0		---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	148		0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0		0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5		0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,3		0	100%	1	1	100%
Ferro (µg/L Fe)	200	<10		0	---	1	1	---
Manganês (µg/L Mn)	50	<10		0	100%	1	1	100%
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	4,16	6,77	0	100%	2	2	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	<0,02		0	---	1	1	---
Oxidabilidade (mg/L O <sub>2</sub> )	5	<2		0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	<1		0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1		0	100%	1	1	100%
Turvação (NTU)	4	<0,3		0	100%	1	1	100%
Antimónio <sup>2</sup> (µg/L Sb)	5	---		---	---	0	0	---
Arsénio <sup>2</sup> (µg/L As)	10	---		---	---	0	0	---
Benzeno <sup>2</sup> (µg/L)	1,0	---		---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	<0,002		0	100%	1	1	100%
Boro <sup>2</sup> (mg/L B)	1,0	---		---	---	0	0	---
Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )	10	---		---	---	0	0	---
Cádmio <sup>2</sup> (µg/L Cd)	5,0	---		---	---	0	0	---
Cálcio (mg/L Ca)	---	11		---	---	1	1	100%
Chumbo (µg/L Pb)	25	<3		0	100%	1	1	100%
Cianetos <sup>2</sup> (µg/L CN)	50	---		---	---	0	0	---
Cobre (mg/L Cu)	2,0	<0,01		0	100%	1	1	100%
Crómio <sup>2</sup> (µg/L Cr)	50	---		---	---	0	0	---
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	---		---	---	0	0	---
Dureza total (mg/L CaCO <sub>3</sub> )	---	36		---	---	1	1	100%
Enterococos (N/100 ml)	0	0		0	100%	1	1	100%
Fluoretos <sup>2</sup> (mg/L F)	1,5	---		---	---	0	0	---
Magnésio (mg/L Mg)	---	1,8		---	---	1	1	---
Mercurio <sup>2</sup> (µg/L Hg)	1	---		---	---	0	0	---
Níquel (µg/L Ni)	20	<5		0	100%	1	1	100%
Selénio <sup>2</sup> (µg/L Se)	10	---		---	---	0	0	---
Cloretos <sup>2</sup> (mg/L Cl)	250	---		---	---	0	0	---
Sódio <sup>2</sup> (mg/L Na)	200	---		---	---	0	0	---
Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )	250	---		---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	---		---	---	0	0	---
Tetracloroetano <sup>2</sup> (µg/L)	---	---		---	---	0	0	---
Tricloroetano <sup>2</sup> (µg/L)	---	---		---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	<0,005 (maior LQ)		0	100%	---	---	---
Benzo(b)fluoranteno (µg/L)	---	<0,005		---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,002		---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	<0,004		---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	<0,004		---	---	1	1	100%
Trihalometanos - total (µg/L):	100	<3 (maior LQ)		0	100%	---	---	---
Clorofórmio(µg/L)	---	<3		---	---	1	1	100%
Bromofórmio(µg/L)	---	<3		---	---	1	1	100%
Bromodichlorometano(µg/L)	---	<3		---	---	1	1	100%
Dibromoclorometano(µg/L)	---	<3		---	---	1	1	100%
Pesticidas <sup>2</sup> - total (µg/L)	0,50	---		---	---	---	---	---
Desetilterbutilazina(µg/L)	---	---		---	---	0	0	---
Terbutilazina(µg/L)	---	---		---	---	0	0	---
Ometoato(µg/L)	---	---		---	---	0	0	---
Alacloro(µg/L)	---	---		---	---	0	0	---
MCPA (µg/L)	---	---		---	---	0	0	---
Bentazona(µg/L)	---	---		---	---	0	0	---
Dose indicativa total <sup>2</sup> (mSv/ano)	---	---		---	---	---	---	---
Actividade alfa total <sup>2</sup> (referida a Am) (Bq/l)	0,10	---		---	---	---	---	---
Actividade beta total <sup>2</sup> (referida a K) (Bq/l)	1,00	---		---	---	---	---	---
Radão (Bq/l)	100	43,4		0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: Vale de Cavalos

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (Águas de Lisboa e Vale do Tejo S.A.)

Informação complementar: Com base nas análises efetuadas e nos resultados obtidos conclui-se que a água distribuída cumpre as normas de qualidade estabelecidas no Decreto-Lei n.º 152/2017 de 7 de Dezembro.

O Presidente do Conselho de Administração:

(Nuno Lacão)

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