

Câmara Municipal de Barrancos	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE BARRANCOS	2.º TRIMESTRE
	ZONA DE ABASTECIMENTO: Barrancos	2019

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	<0,1	0,6	---	---	3	3	100%
Cheiro a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,4	7,4	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 ºC	500	500	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5	<5	0	100%	1	1	100%
Turvação	4	UNT	2	2	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC	---	N/ml	<3	<3	---	---	1	1	100%
Número de colónias a 36 ºC	---	N/ml	0	0	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Alumínio (2)	200	µg/L Al	333	333	1	0%	1	1	100%
Amónio	0,50	mg/l NH ₄	<0,04	<0,04	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	<0,005	<0,005	0	100%	1	1	100%
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO ₃	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	40,9	40,9	---	---	1	1	100%
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos (2)	0,7	mg/l ClO ₂	1,25	1,25	1	0%	1	1	100%
Cloratos (3)	0,7	mg/l ClO ₃	1,12	1,12	1	0%	1	1	100%
Chumbo	10	µg/l Pb	<1	<1	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	0,0012	0,0012	0	100%	1	1	100%
Crómio	50	µg/l Cr	<1	<1	0	100%	1	1	100%
1,2 - dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l CaCO ₃	169	169	---	---	1	1	100%
Ferro	200	µg/l Fe	30,2	30,2	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	<0,08	<0,08	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,02	<0,02	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,02	<0,02	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,02	<0,02	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,02	<0,02	---	---	1	1	100%
Magnésio	---	mg/l Mg	16,2	16,2	---	---	1	1	100%
Manganês	50	µg/l Mn	34,8	34,8	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO ₂	<0,04	<0,04	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	<2	<2	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O ₂	3,1	3,1	0	100%	1	1	100%
Pesticidas - total (1)	0,50	µg/l	0,1	0,1	0	100%	1	1	100%
Benazona (1)	0,10	µg/l	0,05	0,05	0	100%	1	1	100%
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	36,9	36,9	0	100%	1	1	100%
Clorofórmio	---	µg/l	13,8	13,8	---	---	1	1	100%
Bromofórmio	---	µg/l	1,48	1,48	---	---	1	1	100%
Bromodichlorometano	---	µg/l	10	10	---	---	1	1	100%
Dibromodichlorometano	---	µg/l	11,6	11,6	---	---	1	1	100%
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/l	<10	<10	0	100%	1	1	100%

Nota (1): Parâmetro analisado pela entidade gestora em alta (Águas Públicas do Alentejo).

Nota (2): Não foi identificada a causa do incumprimento dos parâmetro alumínio e cloritos. Não foram tomadas medidas corretivas porque as análises posteriores não confirmaram o incumprimento.

Nota (3): A presente data ainda não está fechado. As causas e as medidas corretivas estão a ser investigadas.

Data da publicação no website:

Barrancos, 26 de Agosto de 2019

O Presidente da Câmara

/JOÃO ANTÓNIO SERRANITO NUNES/