

Câmara Municipal de Barrancos	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE BARRANCOS	4.º TRIMESTRE
	ZONA DE ABASTECIMENTO: Barrancos	2020

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	0,1	0	100%	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	7,9	7,9	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 ºC	5,4x10 ²	5,4x10 ²	0	100%	1	1	100%
Cor	20	mg/l PtCo	20	20	0	100%	1	1	100%
Turvação	4	UNT	1	1	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	110	110	0	---	1	1	100%
Número de colónias a 36 ºC	---	N/ml	>300	>300	0	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	197	197	0	100%	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	---	---	---	---	1	1	100%
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO ₃	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO ₂	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO ₃	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 - dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l CaCO ₃	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês (1)	50	µg/l Mn	51,1	15	1	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO ₂	---	---	---	---	---	---	---
Merúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O ₂	4,6	4,6	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	---
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodichlorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---

Nota (1): Não foi identificada a causa do incumprimento do parâmetro Manganês. Não foram tomadas medidas corretivas porque a contraanálise posterior não confirmou o incumprimento.

Data da publicação no website:

Barrancos, 05 de Fevereiro de 2021

O Presidente da Câmara

JOÃO ANTONIO SERRANHO NUNES

