



**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO
CONCELHO DA GUARDA**

1º TRIMESTRE 2023

ZONA DE ABASTECIMENTO: FONTANÁRIO DE BENAVENTE
Localidades abastecidas: Benavente

Edital Nº 77

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, 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	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%	2	2	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	2	2	100%
Desinfetante residual	---	mg/l	---	---	---	---	---	---	---
Cheiro a 25 °C	3	Fator de diluição	<1	---	0	100%	1	1	100%
Sabor a 25 °C	3	Fator de diluição	<1	---	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	5,4	---	1	0%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	54,5	---	0	100%	1	1	100%
Cor	20	mg l PtCo	<5,0	---	0	100%	1	1	100%
Turvação	4	UNT	<0,20	---	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	---	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	8	---	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	0	---	---	---	1	1	100%
Arsénio	10	µg/l As	1,23	---	0	100%	1	1	100%
Ferro	200	µg/l Fe	<10	---	0	100%	1	1	100%
Oxidabilidade	5,0	mg l O ₂	<1,0	---	0	100%	1	1	100%
Radão	500	Bq/l	451	---	0	100%	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	---	0	100%	1	1	100%
Alumínio	200	µg/L Al	91	---	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₃	<0,050	---	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	<0,05	---	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,3	---	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,002	---	0	100%	1	1	100%
Boro	1,0	mg/l B	<0,10	---	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<1,0	---	0	100%	1	1	100%
Cálcio	---	mg/l Ca	1,8	---	---	---	1	1	100%
Cianetos	50	µg/l CN	<1,0	---	0	100%	1	1	100%
Cloretos	250	mg/l Cl	4,1	---	0	100%	1	1	100%
Chumbo	10	µg/l Pb	9,4	---	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	0,086	---	0	100%	1	1	100%
Crómio	50	µg/l Cr	<5,0	---	0	100%	1	1	100%
1,2 - dicloroetano	3,0	µg/l	<0,3	---	0	100%	1	1	100%
Dureza total	---	mg l CaCO ₃	7,8	---	---	---	1	1	100%
Fluoretos	1,5	mg l F	0,12	---	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	<0,005	---	0	100%	1	1	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)	---	µg/l	<0,004	---	---	---	1	1	100%
Magnésio	---	mg l Mg	<0,50	---	---	---	1	1	100%
Manganês	50	µg/l Mn	14	---	0	100%	1	1	100%
Nitratos	50	mg l NO ₃	7,0	---	0	100%	1	1	100%
Nitritos	0,50	mg l NO ₂	<0,010	---	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,01	---	0	100%	1	1	100%
Níquel	20	µg/l Ni	<5,0	---	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Metribuzina	0,10	µg/l	---	---	---	---	0	0	---
Dimetnamida-1	0,10	µg/l	---	---	---	---	0	0	---
Selénio	10	µg/l Se	<0,5	---	0	100%	1	1	100%
Sódio	200	mg l Na	4,6	---	0	100%	1	1	100%
Sulfatos	250	mg l SO ₄	<5,0	---	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	<3	---	0	100%	1	1	100%
Tetracloroetano	---	µg/l	<3	---	---	---	1	1	100%
Tricloroetano	---	µg/l	<0,3	---	---	---	1	1	100%
Dose indicativa	0,10	mSv	<0,10	---	0	100%	1	1	100%
α-total	0,1	Bq/l	<0,04	---	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodichlorom	---	µg/l	---	---	---	---	---	---	---
Dibromoclorom	---	µg/l	---	---	---	---	---	---	---
Carbono Orgânico Total (COT)	---	mg l C	---	---	---	---	---	---	---
Cloritos	0,7	mg l ClO ₂	---	---	---	---	---	---	---
Cloratos	0,7	mg l ClO ₃	---	---	---	---	---	---	---
β-total	1,0	Bq/l	---	---	---	---	---	---	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):

Parâmetro: pH | Causas: Características naturais (hidrogeológicas) do origem de água | Medidas correctivas: Não foram tomadas medidas por não haver risco para a saúde (parecer AS ou por ausência de parecer)

O Presidente da CMG:

(Sérgio Fernando da Silva Costa)

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