



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO  
CONCELHO DE MIRANDELA

1º TRIMESTRE

ZONA DE ABASTECIMENTO: MIRANDELA

ZONAS ABASTECIDAS: Burrica, Bronceda, Cachão, Carvalhais, Cedães, Cedainhos, Chelas, Eixos, Frechas, Freixeda, Freixedinha, São Salvador, Vale de Madeiro, Vale de Lobo, Vale da Sancha, Vale de Asnes, Vila Nova das Patas, Vila Verde, Vila Verdinho e Vilar de Ledra.

Ano 2026

Editais n.º  
51/2026

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo consta no Programa de Controlo da Qualidade da Água (PCQA).

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%	9	9	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	9	9	100%
Desinfetante residual	---	mg/l	0,3	0,6	---	---	9	9	100%
Cheiro a 25 °C	3	Fator de diluição	<1	<1	0	100%	6	6	100%
Sabor a 25 °C	3	Fator de diluição	<1	<1	0	100%	6	6	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,9	7,8	0	100%	6	6	100%
Condutividade	2500	µS/cm a 20 °C	102	127	0	100%	6	6	100%
Cor	20	mg/l PtCo	<3	<3	0	100%	6	6	100%
Turvação	4	UNT	<1	<1	0	100%	6	6	100%
Enterococos	0	N/100 ml	0	0	0	100%	6	6	100%
Número de colónias a 22 °C	---	N/ml	0	0	---	---	6	6	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	6	6	100%
Ácidos Haloacéticos (HAA) (*)	60	µg/l	30,1	30,1	0	100%	1	1	100%
Alumínio	200	µg/L Al	12,3	114	0	100%	6	6	100%
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	0	0	---
Antimónio <sup>1</sup>	10	µg/l Sb	<0,5	<0,5	0	100%	1	1	100%
Arsénio <sup>1</sup>	10	µg/l As	<0,5	<0,5	0	100%	1	1	100%
Benzeno <sup>1</sup>	1,0	µg/l	<0,2	<0,2	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Bisfenol A	2,5	µg/l	---	---	---	---	0	0	---
Boro <sup>1</sup>	1,5	mg/l B	≥0,005	≥0,005	0	100%	1	1	100%
Bromatos <sup>1</sup>	10	µg/l BrO <sub>3</sub>	<2	<2	0	100%	1	1	100%
Cádmio <sup>1</sup>	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	---	mg/l Ca	---	---	---	---	1	1	100%
Cianetos <sup>1</sup>	50	µg/l CN	<5	<5	0	100%	1	1	100%
Cloretos <sup>1</sup>	250	mg/l Cl	8,2	8,2	---	---	1	1	100%
Cloritos	0,25	mg/l ClO <sub>2</sub>	---	---	---	---	0	0	---
Cloratos	0,25	mg/l ClO <sub>3</sub>	---	---	---	---	0	0	---
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 - dicloroetano <sup>1</sup>	3,0	µg/l	<0,75	<0,75	0	100%	1	1	100%
Dureza total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	0	0	---
Ferro	200	µg/l Fe	<5	24,2	0	100%	6	6	100%
Fluoretos	1,5	mg/l F	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	---	---	---	---	0	0	---
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Manganês	50	µg/l Mn	<5	<5	0	100%	9	9	100%
Mercúrio <sup>1</sup>	1,0	µg/l Hg	<0,1	<0,1	0	100%	1	1	100%
Nitratos <sup>1</sup>	50	mg/l NO <sub>3</sub>	2,7	2,7	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Oxidabilidade	5,0	mg/l O <sub>2</sub>	---	---	---	---	0	0	---
Pesticidas - total <sup>1</sup>	0,50	µg/l	---	---	---	---	0	0	---
Glifosato	0,10	µg/l	---	---	---	---	0	0	---
AMPA	0,10	µg/l	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
MCPA	0,10	µg/l	---	---	---	---	0	0	---
Bentazona	0,10	µg/l	---	---	---	---	0	0	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	0	0	---
M656PH051	0,10	µg/l	---	---	---	---	0	0	---
Potássio	---	mg/l K	---	---	---	---	0	0	---
Selénio <sup>1</sup>	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio <sup>1</sup>	200	mg/l Na	6,6	6,6	0	100%	1	1	100%
Sulfatos <sup>1</sup>	250	mg/l SO <sub>4</sub>	3,9	3,9	0	100%	1	1	100%
Tetracloroetano e Tricloroetano: <sup>1</sup>	10	µg/l	<0,2	<0,2	0	100%	1	1	100%
Soma de PFAS <sup>1</sup>	0,10	µg/l	<0,0015	<0,0015	0	100%	1	1	100%
Trihalometanos - total (THM)	100	µg/l	---	---	---	---	0	0	---
Urânio	30	µg/l	---	---	---	---	0	0	---
Alfa Total <sup>1</sup>	---	Bq/l	<0,04	<0,04	---	---	1	1	100%
Dose indicativa <sup>1</sup>	0,10	mSv	<0,1	<0,1	0	100%	1	1	100%
Polónio 210	---	Bq/l	---	---	---	---	0	0	---
Rádio 226	---	Bq/l	---	---	---	---	0	0	---
Urânio 234	---	Bq/l	---	---	---	---	0	0	---
Urânio 238	---	Bq/l	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---

NOTA 1: Parâmetro analisado pela entidade gestora em alta, Empresa Águas do Norte - Grupo Águas de Portugal, <https://www.adnorte.pt/>

Análise dos resultados: Os resultados apresentados evidenciam que a água abastecida pelo sistema de Mirandela está em conformidade com as normas de qualidade estabelecidas no Decreto-Lei n.º 69/2023 de 21 de agosto, na sua atual redação.

Responsável: (nome e assinatura)

Data da publicação no *website* : 12/06/2026