

Parâmetro	VP - Valor Paramétrico		Valores Obtidos		Nº de Análises Superiores ao VP	% de Cumprimento do VP	Nº de Análises PCQA 2024		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	N/100ml	0	0	0	100%	2	2	100%
Bactérias Coliformes	0	N/100ml	0	0	0	100%	2	2	100%
Desinfetante Residual	---	mg/l	0,4	0,4	---	---	2	2	100%
Cheiro a 25°C	3,0	Fator de diluição	<1 (LQ)	<1 (LQ)	0	100%	1	1	100%
Sabor a 25°C	3,0	Fator de diluição	<1 (LQ)	<1 (LQ)	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	E. de Sorensen	7,2	7,2	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20°C	700	700	0	100%	1	1	100%
Cor	20,0	mg/l PtCo	<2,0 (LQ)	<2,0 (LQ)	0	100%	1	1	100%
Turvação	4,0	UNT	<0,50 (LQ)	<0,50 (LQ)	0	100%	1	1	100%
Enterococos fecais	0	N/100ml	0	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml a 22°C	8	8	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml a 36°C	5	5	---	---	1	1	100%
Alumínio	200,0	µg/l Al	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100ml	---	---	---	---	---	---	---
Dureza Total	---	mg/l CaCO3	---	---	---	---	---	---	---
Dose Indicativa (1)	0,1	mSv	---	---	---	---	---	---	---
Alfa-total (1)	---	Bq/l	---	---	---	---	---	---	---
Beta- Total (1)	---	Bq/l	---	---	---	---	---	---	---
Polónio 210	---	Bq/l	---	---	---	---	---	---	---
Rádio 226	---	Bq/l	---	---	---	---	---	---	---
Urânio 234	---	Bq/l	---	---	---	---	---	---	---
Urânio 238	---	Bq/l	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Potássio	---	mg/l K	---	---	---	---	---	---	---
Amónio	0,5	mg/l NH4	---	---	---	---	---	---	---
Antimónio (1)	10	µg/l Sb	---	---	---	---	---	---	---
Arsénio (1)	10,0	µg/l As	---	---	---	---	---	---	---
Benzeno (1)	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,01	µg/l	---	---	---	---	---	---	---
Boro (1)	1,5	mg/l B	---	---	---	---	---	---	---
Bromatos (1)	10,0	µg/l BrO3	---	---	---	---	---	---	---
Cádmio (1)	5	µg/l Cd	---	---	---	---	---	---	---
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	---	---	---
Cianetos (1)	50	µg/l CN	---	---	---	---	---	---	---
Cloretos (1)	250,0	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7 (3)	mg/l	---	---	---	---	---	---	---
Cloratos	0,7 (3)	mg/l	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 - dicloroetano (1)	3,0	µg/l	---	---	---	---	---	---	---
Fluoretos (1)	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,1	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	---	---	---	---	---	---	---
Nitratos (1)	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,5	mg/l NO2	---	---	---	---	---	---	---
Mercúrio (1)	1	µg/l Hg	---	---	---	---	---	---	---
Níquel	20,0	µg/l Ni	---	---	---	---	---	---	---
Pesticidas - totais (1)	0,5	µg/l	<0,030	<0,030	0	100%	1	1	100%
2,4-dimethylthiophen-3-yl (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
M656PH051 (1)	---	µg/l	<0,030 (LQ)	<0,030 (LQ)	---	---	1	1	100%
Bentazona (1)	0,1	µg/l	<0,03 (LQ)	<0,03 (LQ)	0	100%	1	1	100%
Clorpirifos (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Dimetoato (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Diurão (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Imidaclopride (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
S-Metolacloro (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Oxadiazão (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
MCPA (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Dimetenamida-P (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Metribuzina (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Terbutilazina (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Desetilterbutilazina (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Ometoato (1)	0,1	µg/l	<0,030 (LQ)	<0,030 (LQ)	0	100%	1	1	100%
Selénio (1)	20,0	µg/l Se	---	---	---	---	---	---	---
Sódio (1)	200,0	mg/l Na	---	---	---	---	---	---	---
Sulfatos (1)	250,0	mg/l SO4	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano (1)	10,0	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - Totais (THM):	100,0	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodichlorometano	---	µg/l	---	---	---	---	---	---	---
Dibromochlorometano	---	µg/l	---	---	---	---	---	---	---

Informação complementar
-------------------------

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 o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

**Informação complementar relativa à averiguação de incumprimentos dos Valores Paramétricos (VP):**

Não foi detetada nenhuma situação de incumprimento ao Valor Paramétrico na Zona de Abastecimento de Brunhós

**Laboratórios responsáveis pelas colheitas e ensaios:**

LQP

**Legenda:**

- VP - Valor Paramétrico constante do anexo I do DL 69/2023, de 21 de agosto
- ND - Não Detectado
- LQ - Limite de Quantificação
- LD - Limite de Detecção
- NA - Não Aplicável
- (1) Parâmetros Conservativos
- (2) Parâmetros Conserv analisados pela EG em Alta
- (3) VP configurado em função do sistema de desinfecção existente

**Diretor-Geral:**

Idalécio Pessoa Oliveira, Eng.

**Data:**

17 de dezembro de 2024