

Parâmetro	VP - Valor Paramétrico		Valores Obtidos		Nº de Análises Superiores ao VP	% de Cumprimento do VP	Nº de Análises PCQA 2023		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	N/100ml	0	0	0	100%	3	3	100%
Bactérias Coliformes	0	N/100ml	0	0	0	100%	3	3	100%
Desinfetante Residual	---	mg/l	0,50	1,1	---	---	3	3	100%
Cheiro a 25°C	3,0	Fator de diluição	<1	<1	0	100%	3	3	100%
Sabor a 25°C	3,0	Fator de diluição	<1	<1	0	100%	3	3	100%
pH	≥6,5 e ≤9,5	E. de Sorensen	6,2	7,8	1	67%	3	3	100%
Condutividade	2500	µS/cm a 20°C	144	410	0	100%	3	3	100%
Cor	20,0	mg/l PtCo	<2	<5	0	100%	3	3	100%
Turvação	4,0	UNT	<0,2	<0,5	0	100%	3	3	100%
Enterococos fecais	0	N/100ml	0	0	0	100%	3	3	100%
Número de Colónias a 22°C	---	N/ml a 22°C	ND	ND	---	---	3	3	100%
Número de Colónias a 36°C	---	N/ml a 36°C	ND	ND	---	---	3	3	100%
Alumínio	200,0	µg/l Al	<20	<20	0	100%	1	1	100%
Cálcio	---	mg/l Ca	8,1	8,1	---	---	1	1	100%
Clostridium perfringens	0	N/100ml	0	0	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO3	30	30	---	---	1	1	100%
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	22	22	0	100%	1	1	100%
Magnésio	---	mg/l Mg	2,4	2,4	---	---	1	1	100%
Manganês	50	µg/l Mn	<10	<10	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1	<1	0	100%	1	1	100%
Amónio	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Antimónio (1)	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio (1)	10	µg/l As	---	---	---	---	---	---	---
Benzeno (1)	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	<0,002	<0,002	0	100%	1	1	100%
Boro (1)	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos (1)	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio (1)	5,0	µg/l Cd	---	---	---	---	---	---	---
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	---	---	---
Cianetos (1)	50,0	µg/l CN	---	---	---	---	---	---	---
Cloretos (1)	250,0	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,70	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,70	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10,0	µg/l Pb	24	24	1	0%	1	1	100%
Cobre	2,00	mg/l Cu	0,035	0,035	0	100%	1	1	100%
Crómio	50,0	µg/l Cr	<5	<5	0	100%	1	1	100%
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	<0,005	<0,005	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,002	<0,002	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,004	<0,004	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,004	<0,004	---	---	1	1	100%
Nitratos (1)	50,0	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO2	<0,01	<0,01	0	100%	1	1	100%
Mercúrio (1)	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	<5	<5	0	100%	1	1	100%
Pesticidas - totais (1)	0,5	µg/l	---	---	---	---	---	---	---
Alacloro	0,10	µg/l	---	---	---	---	---	---	---
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Dimetoato	0,10	µg/l	---	---	---	---	---	---	---
Diurão	0,10	µg/l	---	---	---	---	---	---	---
MCPA	0,10	µg/l	---	---	---	---	---	---	---
S-Metolacloro	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Ometoato	0,10	µg/l	---	---	---	---	---	---	---
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Oxadiazão	0,10	µg/l	---	---	---	---	---	---	---
Selénio (1)	10,0	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	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	<3	<3	---	---	1	1	100%
Bromofórmio	---	µg/l	<3	<3	---	---	1	1	100%
Bromodiolclorometano	---	µg/l	<3	<3	---	---	1	1	100%
Dibromoclorometano	---	µg/l	<3	<3	---	---	1	1	100%

Informação complementar

Em conformidade com o Decreto-Lei nº306/2007, de 27 de Agosto, alterado pelo Decreto-Lei nº 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)

Nota:

Os resultados analíticos obtidos na água fornecida pela entidade gestora em alta INOVA, E.M., S.A., cujos resultados dos parâmetros estão assinalados (2), encontram-se publicitados neste boletim.

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

Foi detetado o incumprimento do valor de pH, na colheita do dia 14 de março, com valor de pH abaixo do recomendado; Identificámos como causas: X1 - Outra (entrada de água da ZA contígua);

Como medidas: D1 - Reparação ou substituição da componente danificada/material inadequado na rede de distribuição

Foi detetado ainda um incumprimento do parâmetro chumbo, na colheita do dia 20 de janeiro, com o valor acima do recomendado;

Identificámos como causas: P1 - Migração dos materiais de construção da rede predial

Como medidas: P1 - Recomendação de reparação ou substituição da componente danificada/material inadequado na rede predial; P3 - Esclarecimento escrito ao responsável pela rede predial (estabelecimento ao público)

Laboratórios responsáveis pelas colheitas e ensaios:

Cesab e LPQ

Legenda:

VP - Valor Paramétrico constante do anexo I do DL 152/2017, de 7 de dezembro

ND - Não Detectado

LQ - Limite de Quantificação

NA - Não Aplicável

(1) Parâmetros Conservativos

(2) Parâmetros Conserv analisados pela EG em Alta

Diretor-Geral:

Dr. Nuno Campilho

Data de publicação no website:

27 de junho de 2023