

Resumo dos parâmetros pesquisados durante o 3.º trimestre de 2023

	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA						3º TRIMESTRE		
	ZONA DE ABASTECIMENTO: Resumo Geral						2023		
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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N.º Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	36	36	100%
Bactérias Coliformes	0	N/100ml	0	76	2	94%	36	36	100%
Desinfetante residual	---	mg/l	0,1	0,8	---	---	36	36	100%
Cheiro, a 25°C	3	Fator de diluição	<1	<1	0	100%	19	19	100%
Sabor, a 25 °C	3	Fator de diluição	<1	<1	0	100%	19	19	100%
pH	≥6,5 e ≤9,5	Unidades pH	5,4 (22 °C)	7,6 (22°C)	2	89%	19	19	100%
Condutividade	2500	µS/cm a 20 °C	21	180	0	100%	19	19	100%
Cor	20	mg/l PtCo	<5(l.q.)	5,4	2	89%	19	19	100%
Turvação	4	UNT	<0,50(l.q.)	1,2	0	100%	19	19	100%
Enterococos	0	N/100ml	0	0	0	100%	19	19	100%
Número de Colónias a 22°C	---	N/ml	Não detectado	20	---	---	19	19	100%
Número de Colónias a 36°C	---	N/ml	Não detectado	Não detectado	---	---	19	19	100%
Clostridium Perfringens	0	N/100ml	0	0	0	100%	18	18	100%
Alumínio	200	µg/L Al	<0,10(l.q.)	573	2	89%	18	18	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	16	16	100%
Antimónio	5,0	µg/l Sb	---	1,7	0	100%	15	15	100%
Arsénio	10	µg/l As	---	4	0	100%	15	15	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	15	15	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	15	15	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	15	15	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	15	15	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	15	15	100%
Cálcio	---	µg/l Ca	---	20	---	---	15	15	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	15	15	100%
Cloretos	250	mg/l Cl	---	17	0	100%	15	15	100%
Chumbo	10	µg/l Pb	---	2,3	0	100%	15	15	100%
Cobre	2,0	µg/l Cu	---	0,0243	0	100%	15	15	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	15	15	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	15	15	100%
Dureza Total	---	mg/l CaCO ₃	---	48	---	---	15	15	100%
Ferro	200	µg/l Fe	17,3	49,2	0	100%	15	15	100%
Fluoretos	1,5	µg/l F	---	<0,4(l.q.)	0	100%	5	5	100%
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	16	16	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	16	16	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	16	16	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	16	16	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	16	16	100%
Magnésio	---	mg/l Mg	---	3,9	---	---	16	16	100%
Manganés	50	mg/l Mn	<10(l.q.)	96	2	89%	18	18	100%
Nitratos	50	mg/l NO ₃	---	18	0	100%	15	15	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	16	16	100%
Mercúrio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	15	15	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	16	16	100%
Oxidabilidade	5,0	µg/l O ₂	---	1,1	0	100%	16	16	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	18	18	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	15	15	100%
Desetiltterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	15	15	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	15	15	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	15	15	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	15	15	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A.
Imdaclorprid	0,10	µg/l	---	<0,030(l.q.)	0	100%	15	15	100%
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	18	18	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	15	15	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	15	15	100%
Sódio	200	mg/l Na	---	16	0	100%	15	15	100%
Sulfatos	250	mg/ SO ₄	---	<10(l.q.)	0	100%	5	5	100%
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	15	15	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	15	15	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	15	15	100%
Trihalometanos - total (THM):	100	µg/l	---	32,8	0	100%	16	16	100%
Clorofórmio	---	µg/l	---	27,1	---	---	16	16	100%
Bromofórmio	---	µg/l	---	<0,20(l.q.)	---	---	16	16	100%
Bromodichlorometano	---	µg/l	---	4,63	---	---	16	16	100%
Dibromochlorometano	---	µg/l	---	1,09	0	---	16	16	100%
Dose Indicativa	0,10	mSv	---	0,037	0	100%	15	15	100%
Radão	500	Bq/l	---	547	1	93%	15	15	100%
Alfa total	---	Bq/l	---	0,18	---	---	15	15	100%
Antimónio ¹	5,0	µg/l Sb	---	---	---	---	---	---	N.A.
Arsénio ¹	10	µg/l As	---	---	---	---	---	---	N.A.
Benzeno ¹	1,0	µg/l	---	---	---	---	---	---	N.A.
Boro ¹	1,0	mg/l B	---	---	---	---	---	---	N.A.
Bromatos ¹	10	µg/l BrO ₃	---	---	---	---	---	---	N.A.
Cádmio ¹	5,0	µg/l Cd	---	---	---	---	---	---	N.A.
Cianetos ¹	50	µg/l CN	---	---	---	---	---	---	N.A.
Cloretos ¹	250	mg/l Cl	---	---	---	---	---	---	N.A.
1,2-Dicloroetano ¹	3,0	µg/l	---	---	---	---	---	---	N.A.
Fluoretos ¹	1,5	µg/l F	---	---	---	---	---	---	N.A.
Nitratos ¹	50	mg/l NO ₃	---	---	---	---	---	---	N.A.
Mercúrio ¹	1,0	µg/l Hg	---	---	---	---	---	---	N.A.
Pesticidas - total ¹	0,50	µg/l	---	< 0,10	0	100%	1	1	100%
Clorpirifos ¹	0,10	µg/l	---	---	---	---	---	---	N.A.
Imdaclorprid ¹	0,10	µg/l	---	---	---	---	---	---	N.A.
MCPA ¹	0,10	µg/l	---	---	---	---	---	---	N.A.
Desetiltterbutilazina ¹	0,10	µg/l	---	---	---	---	---	---	N.A.
Diurão ¹	0,10	µg/l	---	---	---	---	---	---	N.A.
Metalaxil ¹	0,10	µg/l	---	---	---	---	---	---	N.A.
Terbutilazina ¹	0,10	µg/l	---	---	---	---	---	---	N.A.
Dimetenamida-P ¹	0,10	µg/l	---	< 0,010	0	100%	1	1	100%
Metribuzina ¹	0,10	µg/l	---	---	---	---	---	---	N.A.
Selénio ¹	10	µg/l Se	---	---	---	---	---	---	N.A.
Sódio ¹	200	mg/l Na	---	---	---	---	---	---	N.A.
Tetracloroetano e Tricloroetano ¹ :	10	µg/l	---	---	---	---	---	---	N.A.
Tetracloroetano ¹	---	µg/l	---	---	---	---	---	---	N.A.
Tricloroetano ¹	---	µg/l	---	---	---	---	---	---	N.A.
Dose Indicativa ¹	0,10	mSv	---	---	---	---	---	---	N.A.
Alfa total ¹	---	Bq/l	---	---	---	---	---	---	N.A.

Nota 1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Bactérias Coliformes. Causas: Ruptura na rede de adução/distribuição/reservatório. Medidas Correctivas: Reparação ou substituição da componente danificada/material inadquado na rede de distribuição. pH. Causas: Características naturais (hidrogeológicas) da origem da água. Medidas Correctivas: Não foram tomadas medidas por haver risco para a saúde (parecer AS ou por ausência de parecer). Alumínio. Causas: Características naturais (hidrogeológicas) da origem da água. Manganés. Causas: Características naturais (hidrogeológicas) da origem da água. Medidas Correctivas: Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento. Alfa total. Causas: Características naturais (hidrogeológicas) da origem da água. Medidas Correctivas: Não foram tomadas medidas porque se concluiu que a dose indicativa é inferior a 0,10 mSv. Radão. Causas: Características naturais (hidrogeológicas) da origem da água. Medidas Correctivas: Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Ariz

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	8	1	0%	1	1	100%
Desinfetante residual	---	mg/l	---	0,1	---	---	1	1	100%
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	---	7,4 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	21	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	13,9	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	2,4	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	3,2	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0076	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	8,8	---	---	1	1	100%
Ferro	200	µg/l Fe	---	3,5	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganés	50	mg/l Mn	---	2,74	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	4	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	2,45	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	<0,50(l.q.)	0	100%	1	1	100%
Clorofórmio	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Bromofórmio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodichlorometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dibromodichlorometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	44,7	0	100%	1	1	100%
Alfa total	---	Bq/l	---	<0,04(l.q.)	0	100%	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Bactérias Coliformes. Causas: Ruptura na rede de adução/distribuição/reservatório. Medidas Correctivas: Reparação ou substituição da componente danificada/material inadequado na rede de distribuição.

Responsável:

Data da publicitação no website: 29 de Novembro de 2023



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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	6	6	100%
Bactérias Coliformes	0	N/100ml	0	0	0	100%	6	6	100%
Desinfecante residual	---	mg/l	0,1	0,8	---	---	6	6	100%
Cheiro, a 25°C	3	Fator de diluição	<1	<1	0	100%	3	3	100%
Sabor, a 25 °C	3	Fator de diluição	<1	<1	0	100%	3	3	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,9 (22 °C)	7,6 (22 °C)	0	100%	3	3	100%
Condutividade	2500	µS/cm a 20 °C	80	180	0	100%	3	3	100%
Cor	20	mg/l PtCo	<5(l.q.)	<5(l.q.)	0	100%	3	3	100%
Turvação	4	UNT	<0,50(l.q.)	3	0	100%	3	3	100%
Enterococos	0	N/100ml	0	0	0	100%	3	3	100%
Número de Colónias a 22°C	---	N/ml	Não detectado	Não detectado	---	---	3	3	100%
Número de Colónias a 36°C	---	N/ml	Não detectado	Não detectado	---	---	3	3	100%
Clostridium Perfringens	0	N/100ml	0	0	0	100%	3	3	100%
Alumínio	200	µg/L Al	83	91	0	100%	3	3	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	N.A
Antimónio ¹	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio ¹	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno ¹	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro ¹	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos ¹	10	µg/l BrO ₂	---	---	---	---	---	---	N.A
Cádmio ¹	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	27	---	---	---	---	N.A
Cianetos ¹	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos ¹	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloritos	0,7	mg/l ClO ₂	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO ₃	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	<0,010(l.q.)	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<5,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano ¹	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO ₃	---	70	---	---	1	1	100%
Ferro	200	µg/l Fe	17,3	75,9	0	100%	3	3	100%
Fluoretos ¹	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	0	100%	1	1	100%
Manganês	50	mg/l Mn	<10(l.q.)	15,5	0	100%	3	3	100%
Nitratos ¹	50	mg/l NO ₃	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio ¹	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	<5(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total ¹	0,50	µg/l	---	< 0,10	0	100%	1	1	100%
Clorpirifos ¹	0,10	µg/l	---	---	---	---	---	---	N.A
Imadaclopride ¹	0,10	µg/l	---	---	---	---	---	---	N.A
MCPA ¹	0,10	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina ¹	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão ¹	0,10	µg/l	---	---	---	---	---	---	N.A
Metalaxil ¹	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina ¹	0,10	µg/l	---	---	---	---	---	---	N.A
Dimetenamida-P ¹	0,10	µg/l	---	< 0,010	0	100%	1	1	100%
Metribuzina ¹	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio ¹	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio ¹	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano ¹ :	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano ¹	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano ¹	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	32,8	0	100%	1	1	100%
Clorofórmio	---	µg/l	---	27,1	---	---	1	1	100%
Bromofórmio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodiolclorometano	---	µg/l	---	4,63	---	---	1	1	100%
Dibromodiolclorometano	---	µg/l	---	1,09	---	---	1	1	100%
Dose Indicativa ¹	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total ¹	---	Bq/l	---	---	---	---	---	---	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Castelo

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l	---	0,3	---	---	1	1	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	58	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	5,4	0	100%	1	1	100%
Turvação	4	UNT	---	1,2	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	49,8	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	4	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	3,5	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	7,9	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0017	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	11	0	100%	1	1	100%
Ferro	200	µg/l Fe	---	5,5	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	0	100%	1	1	100%
Manganês	50	mg/l Mn	---	10,8	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	4	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Deslterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	5,49	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	1,53	0	100%	1	1	100%
Clorofórmio	---	µg/l	---	0,37	---	---	1	1	100%
Bromofórmio	---	µg/l	---	0,24	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	0,42	---	---	1	1	100%
Dibromoclorometano	---	µg/l	---	0,5	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	109	0	100%	1	1	100%
Alfa total	---	Bq/l	---	0,08	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfecante residual	---	mg/l	---	0,1	---	---	1	1	100%
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 (22 °C)	1	0%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	71	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	142	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	<2,0(l.q.)	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	5,5	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,013	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	6,4	---	---	1	1	100%
Ferro	200	µg/l Fe	---	2,9	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	22,4	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	4	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	2,53	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	5,42	0	100%	1	1	100%
Clorofómio	---	µg/l	---	3,41	---	---	1	1	100%
Bromofómio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodiolorometano	---	µg/l	---	1,4	---	---	1	1	100%
Dibromodiolorometano	---	µg/l	---	0,61	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	144	0	100%	1	1	100%
Alfa total	---	Bq/l	---	<0,04(l.q.)	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): pH. Causas: Características naturais (hidrogeológicas) da origem da água. Medidas Corretivas: Não foram tomadas medidas por haver risco para a saúde (parecer AS ou por ausência de parecer).

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Granja do Paiva

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% 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	0,1	0,5	---	---	2	2	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	54	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	13,5	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	4,1	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	11	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	1,5	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0202	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	26	---	---	1	1	100%
Ferro	200	µg/l Fe	---	49,2	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	<0,4(l.q.)	0	100%	1	1	100%
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	3,8	---	---	1	1	100%
Manganês	50	mg/l Mn	---	5,69	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	1,0	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	7,43	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	<10(l.q.)	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	9,11	0	100%	1	1	100%
Clorofómio	---	µg/l	---	4,07	---	---	1	1	100%
Bromofómio	---	µg/l	---	0,41	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	2,64	---	---	1	1	100%
Dibromodiolometano	---	µg/l	---	1,99	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	366	0	100%	1	1	100%
Alfa total	---	Bq/l	---	0,06	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Nagosa

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% 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%
Desinfectante residual	---	mg/l	0,7	0,8	---	---	2	2	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	49	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	34,6	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	3,8	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	4,1	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	12	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0054	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	11	---	---	1	1	100%
Ferro	200	µg/l Fe	---	4,2	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	<0,4(l.q.)	0	100%	1	1	100%
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	5,8	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	0,073	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	6,19	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	<10(l.q.)	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	2,1	0	100%	1	1	100%
Clorofórmio	---	µg/l	---	0,78	---	---	1	1	100%
Bromofórmio	---	µg/l	---	0,4	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	0,42	---	---	1	1	100%
Dibromodiolometano	---	µg/l	---	0,5	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	0,037	0	100%	1	1	100%
Radão	500	Bq/l	---	206	0	100%	1	1	100%
Alfa total	---	Bq/l	---	0,18	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Alfa total. Causas: Características naturais (hidrogeológicas) da origem da água. Medidas Correctivas: Não foram tomadas medidas porque se concluiu que a dose indicativa é inferior a 0,10 mSv.

Responsável:

Data da publicação no website: 29 de Novembro de 2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% 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	0,3	0,8	---	---	2	2	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	98	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	<10,0(l.q.)	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	1,1	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₂	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	7,1	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	10	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0041	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	24	---	---	1	1	100%
Ferro	200	µg/l Fe	---	21	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	NA
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	3,48	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	18	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Niquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifós	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetiltetbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	NA
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	9,58	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	NA
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	2,57	0	100%	1	1	100%
Clorofórmio	---	µg/l	---	0,85	---	---	1	1	100%
Bromofórmio	---	µg/l	---	0,49	---	---	1	1	100%
Bromodichlorometano	---	µg/l	---	0,61	---	---	1	1	100%
Dibromochlorometano	---	µg/l	---	0,62	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	236	0	100%	1	1	100%
Alfa total	---	Bq/l	---	<0,04(l.q.)	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	---	0,1	---	---	1	1	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	48	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	98,8	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	5,0	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	4,5	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0096	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	16	---	---	1	1	100%
Ferro	200	µg/l Fe	---	3,7	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	67,6	1	0%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	3,32	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	<0,50(l.q.)	0	100%	1	1	100%
Clorofómio	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Bromofómio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dibromodiolometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	336	0	100%	1	1	100%
Alfa total	---	Bq/l	---	0,08	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Manganês. Causas: Não foi investigada a causa do incumprimento. Medidas Corretivas: Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento.

Responsável:

Data da publicação no website: 29 de Novembro de 2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	---	0,1	---	---	1	1	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	33	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	573	1	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	2,4	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	9,9	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	2,3	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0243	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	7,6	---	---	1	1	100%
Ferro	200	µg/l Fe	---	6,9	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	96	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Merúrio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	1,0	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	6,43	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	<0,50(l.q.)	0	100%	1	1	100%
Clorofómio	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Bromofómio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodiolorometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dibromodiolorometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	75	0	100%	1	1	100%
Alfa total	---	Bq/l	---	0,25	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Alumínio. Causas: Características naturais (hidrogeológicas) da origem da água.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Quinta dos Caetanos

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfecante residual	---	mg/l	---	0,2	---	---	1	1	100%
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 (22 °C)	1	0%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	41	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	0,51	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	214	1	0%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	1,1	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	3,4	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	6,9	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0128	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	11	---	---	1	1	100%
Ferro	200	µg/l Fe	---	39,9	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	<0,200(l.q.)	0	100%	1	1	100%
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	33,5	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Merúrio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	0,9	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	2,81	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	<5,0(l.q.)	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	<0,50(l.q.)	0	100%	1	1	100%
Clorofómio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromofómio	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dibromodiolometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	549	1	0%	1	1	100%
Alfa total	---	Bq/l	---	0,08	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): pH. Causas: Caraterísticas naturais (hidrogeológicas) da origem da água. Medidas Corretivas: Não foram tomadas medidas por haver risco para a saúde (parecer AS ou por ausência de parecer). Alumínio. Causas: Caraterísticas naturais (hidrogeológicas) da origem da água. Radão. Causas: Caraterísticas naturais (hidrogeológicas) da origem da água. Medidas Corretivas: Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: São Martinho_Novo

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	---	0,8	---	---	1	1	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	30	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	58	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	<2,0(l.q.)	0	100%	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	6,5	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0019	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	8,0	---	---	1	1	100%
Ferro	200	µg/l Fe	---	2,1	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	12,4	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	1,1	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	2,69	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	5,59	0	100%	1	1	100%
Clorofómio	---	µg/l	---	3,09	---	---	1	1	100%
Bromofómio	---	µg/l	---	0,34	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	1,4	---	---	1	1	100%
Dibromodiolometano	---	µg/l	---	0,76	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	207	0	100%	1	1	100%
Alfa total	---	Bq/l	---	0,04	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: São Martinho_Velho

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l	---	0,6	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A
Turvação	4	UNT	---	---	---	---	---	---	N.A
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A
Número de Colónias a 36°C	---	N/ml	---	---	---	---	---	---	N.A
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH ₄	---	---	---	---	---	---	N.A
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO ₃	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO ₃	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganês	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO ₃	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO ₂	---	---	---	---	---	---	N.A
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O ₂	---	---	---	---	---	---	N.A
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
MCPA	0,10	µg/l	---	---	---	---	---	---	N.A
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	N.A
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofómio	---	µg/l	---	---	---	---	---	---	N.A
Bromofómio	---	µg/l	---	---	---	---	---	---	N.A
Bromodiolometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromodiolometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Sanfins

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% 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	76	1	50%	2	2	100%
Desinfetante residual	---	mg/l	0,3	0,6	---	---	2	2	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	1,7e+2	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	5,1	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	20	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	17,8	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	1,6	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	0,018	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	13	0	100%	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	17	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0043	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	48	---	---	1	1	100%
Ferro	200	µg/l Fe	---	10,8	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	3,9	---	---	1	1	100%
Manganês	50	mg/l Mn	---	3,02	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	18	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	1,0	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	16	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	0,97	0	100%	1	1	100%
Clorofómio	---	µg/l	---	0,41	---	---	1	1	100%
Bromofómio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodiolorometano	---	µg/l	---	0,36	---	---	1	1	100%
Dibromoclorometano	---	µg/l	---	0,2	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	21,9	0	100%	1	1	100%
Alfa total	---	Bq/l	---	<0,04(l.q.)	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% 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%
Desinfectante residual	---	mg/l	0,3	0,6	---	---	2	2	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A.
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A.
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A.
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A.
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A.
Turvação	4	UNT	---	---	---	---	---	---	N.A.
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A.
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A.
Número de Colónias a 36°C	---	N/ml	---	---	---	---	---	---	N.A.
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A.
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A.
Amónio	0,50	mg/l NH ₄	---	---	---	---	---	---	N.A.
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A.
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A.
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A.
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A.
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A.
Bromatos	10	µg/l BrO ₃	---	---	---	---	---	---	N.A.
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A.
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A.
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A.
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A.
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A.
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A.
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A.
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A.
Dureza Total	---	mg/l CaCO ₃	---	---	---	---	---	---	N.A.
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A.
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A.
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A.
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A.
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A.
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A.
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A.
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A.
Manganês	50	mg/l Mn	---	---	---	---	---	---	N.A.
Nitratos	50	mg/l NO ₃	---	---	---	---	---	---	N.A.
Nitritos	0,50	mg/l NO ₂	---	---	---	---	---	---	N.A.
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A.
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A.
Oxidabilidade	5,0	µg/l O ₂	---	---	---	---	---	---	N.A.
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	N.A.
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A.
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A.
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A.
MCPA	0,10	µg/l	---	---	---	---	---	---	N.A.
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A.
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	N.A.
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	---	---	---	---	---	N.A.
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A.
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A.
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A.
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A.
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A.
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A.
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A.
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A.
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A.
Bromodichlorometano	---	µg/l	---	---	---	---	---	---	N.A.
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	N.A.
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A.
Radão	500	Bq/l	---	---	---	---	---	---	N.A.
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A.

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Segões

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l	---	<0,1(l.q.)	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A
Turvação	4	UNT	---	---	---	---	---	---	N.A
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A
Número de Colónias a 36°C	---	N/ml	---	---	---	---	---	---	N.A
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH ₄	---	---	---	---	---	---	N.A
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO ₃	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO ₃	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganês	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO ₃	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO ₂	---	---	---	---	---	---	N.A
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O ₂	---	---	---	---	---	---	N.A
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
MCPA	0,10	µg/l	---	---	---	---	---	---	N.A
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	N.A
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofómio	---	µg/l	---	---	---	---	---	---	N.A
Bromofómio	---	µg/l	---	---	---	---	---	---	N.A
Bromodiolometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Serra

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% 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%
Desinfectante residual	---	mg/l	<0,1(l.q.)	0,2	---	---	3	3	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	29	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	15	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	13,9	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	1,7	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	3,4	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	6,3	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0014	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	10	---	---	1	1	100%
Ferro	200	µg/l Fe	---	4,9	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	9,74	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	1,1	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	3,25	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	<0,50(l.q.)	0	100%	1	1	100%
Clorofómio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromofómio	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dibromodiolometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	145	0	100%	1	1	100%
Alfa total	---	Bq/l	---	<0,04(l.q.)	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Sever

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% 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%
Desinfectante residual	---	mg/l	0,2	0,6	---	---	3	3	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	68	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH ₄	---	---	---	---	---	---	N.A
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO ₃	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO ₃	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganês	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO ₃	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO ₂	---	---	---	---	---	---	N.A
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O ₂	---	---	---	---	---	---	N.A
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	N.A
Desetilerbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
MCPA	0,10	µg/l	---	---	---	---	---	---	N.A
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	N.A
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodiolometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromodiolometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A

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

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Soutosa

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	---	0,6	---	---	1	1	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	33	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	25,8	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	3,0	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	4,8	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0045	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	11	---	---	1	1	100%
Ferro	200	µg/l Fe	---	2,7	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	5,17	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	0,9	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	4,18	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	5,84	0	100%	1	1	100%
Clorofómio	---	µg/l	---	2,44	---	---	1	1	100%
Bromofómio	---	µg/l	---	0,43	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	1,67	---	---	1	1	100%
Dibromoclorometano	---	µg/l	---	1,3	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	284	0	100%	1	1	100%
Alfa total	---	Bq/l	---	0,04	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

3º TRIMESTRE

ZONA DE ABASTECIMENTO: Sr. dos Afritos

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% 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	0,3	0,6	---	---	2	2	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	47	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	≤0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	10,4	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	3,4	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	9,7	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	1	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0266	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	14	---	---	1	1	100%
Ferro	200	µg/l Fe	---	34,9	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	<0,4(l.q.)	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	2,81	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Niquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetiltterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A.
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	6,22	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	<10(l.q.)	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	2,76	0	100%	1	1	100%
Clorofórmio	---	µg/l	---	0,59	---	---	1	1	100%
Bromofórmio	---	µg/l	---	0,83	---	---	1	1	100%
Bromodiolorometano	---	µg/l	---	0,41	---	---	1	1	100%
Dibromoclorometano	---	µg/l	---	0,93	0	100%	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	197	0	100%	1	1	100%
Alfa total	---	Bq/l	---	<0,04(l.q.)	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

1º TRIMESTRE

ZONA DE ABASTECIMENTO: Vila Chã de Caria

2023

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 (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% 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%
Desinfectante residual	---	mg/l	0,2	0,6	---	---	2	2	100%
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	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	48	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,50(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Número de Colónias a 36°C	---	N/ml	---	Não detectado	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	<10,0(l.q.)	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	2,1	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,0030(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	---	<3,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	2,4	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	10	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0206	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO ₃	---	10	---	---	1	1	100%
Ferro	200	µg/l Fe	---	<2,0(l.q.)	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	<0,4(l.q.)	0	100%	1	1	100%
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	<0,0200(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,0200(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	1,65	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	---	<0,04(l.q.)	0	100%	1	1	100%
Merúrio	1,0	µg/l Hg	---	<0,0100(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O ₂	---	<0,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	<0,10(l.q.)	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	<0,0300(l.q.)	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Diurão	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
MCPA	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Metalaxil	0,10	µg/l	---	---	---	---	---	---	N.A
Imidaclopride	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	---	<0,010(l.q.)	0	100%	1	1	100%
Metribuzina	0,10	µg/l	---	<0,030(l.q.)	0	100%	1	1	100%
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	6,51	0	100%	1	1	100%
Sulfatos	250	mg/ SO ₄	---	<10(l.q.)	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	<0,50(l.q.)	0	100%	1	1	100%
Clorofómio	---	µg/l	---	0,11	---	---	1	1	100%
Bromofómio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodiolometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dibromodiolometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	---	311	0	100%	1	1	100%
Alfa total	---	Bq/l	---	<0,04(l.q.)	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 29 de Novembro de 2023