



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO  
CONCELHO DA COVILHÃ

EDITAL n.º 1/2024

ZONA DE ABASTECIMENTO: BIQUINHA/BªMUNICIPAL

1º TRIMESTRE  
01 de Janeiro  
a  
31 de Março

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de Agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetros	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,62	0,73	---	---	3	3	100%
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amónio	0,50	mg/l NH4	---	---	---	---	0	0	---
Número de colónias a 22 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
Condutividade	2500	µS/cm a 20 °C	50,9	50,9	0	100%	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5,0	<5,0	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,7	6,7	0	100%	1	1	100%
Ferro	200	µg/l Fe	<10	<10	0	100%	1	1	100%
Manganés	50	µg/l Mn	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO2	---	---	---	---	0	0	---
Oxidabilidade	5	mg/l O2	---	---	---	---	0	0	---
Cheiro a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	UNT	0,62	0,62	0	100%	1	1	100%
Antimónio <sup>1</sup>	5,0	µg/l Sb	<0,05	<0,05	0	100%	1	1	100%
Arsénio <sup>1</sup>	10	µg/l As	0,72	0,72	0	100%	1	1	100%
Benzeno <sup>1</sup>	1,0	µg/l	<0,3	<0,3	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Boro <sup>1</sup>	1,0	mg/l B	<0,10	<0,10	0	100%	1	1	100%
Bromatos <sup>1</sup>	10	µg/l BrO3	<1,5	<1,5	0	100%	1	1	100%
Cádmio <sup>1</sup>	5,0	µg/l Cd	<1,0	<1,0	0	100%	1	1	100%
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cianetos <sup>1</sup>	50	µg/l CN	<1,0	<1,0	0	100%	1	1	100%
Cloretos <sup>1</sup>	250	mg/l Cl	5,9	5,9	0	100%	1	1	100%
Cloritos	0,70	mg/l	---	---	---	---	0	0	---
Cloratos	0,70	mg/l	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 - dicloroetano <sup>1</sup>	3,0	µg/l	<0,3	<0,3	0	100%	1	1	100%
Dureza total	---	mg/l CaCO3	---	---	---	---	0	0	---
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Fluoretos <sup>1</sup>	1,5	mg/l F	0,09	0,09	0	100%	1	1	100%
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Mercúrio <sup>1</sup>	1,0	µg/l Hg	<0,01	<0,01	0	100%	1	1	100%
Nitratos <sup>1</sup>	50	mg/l NO3	1,9	1,9	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Potássio	---	mg/l K	---	---	---	---	0	0	---
Selénio <sup>1</sup>	10	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio <sup>1</sup>	200	mg/l Na	4,7	4,7	0	100%	1	1	100%
Sulfatos <sup>1</sup>	250	mg/l SO4	<5,0	<5,0	0	100%	1	1	100%
Tetracloroetano e Tricloroetano <sup>1</sup> :	10	µg/l	<3 (maior LQ)	<3 (maior LQ)	0	100%	1	1	100%
Tetracloroetano <sup>1</sup>	---	µg/l	<3	<3	---	---	1	1	100%
Tricloroetano <sup>1</sup>	---	µg/l	<0,3	<0,3	---	---	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos:	0,10	µg/l	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total:	100	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodiclorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Pesticidas <sup>1</sup> - total	0,50	µg/l	---	---	---	---	0	0	---
Clorpirifos <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Desetilaterbutilazina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Diurão <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Ometoato <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dimetnamida-P <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Metribuzina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
M656PH051 <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dose Indicativa <sup>1</sup>	0,10	mSv	<0,10	<0,10	0	100%	1	1	100%
Alfa Total <sup>1</sup>	---	Bq/l	<0,04	<0,04	---	---	1	1	100%
Beta Total <sup>1</sup>	---	Bq/l	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

O Presidente do Conselho de Administração:

(João Carlos Izidoro Marques)

Data da publicação: 04/06/2024



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO  
CONCELHO DA COVILHÃ

EDITAL n.º 2/2024

ZONA DE ABASTECIMENTO: BIQUINHA/Bº MUNICIPAL

2º TRIMESTRE  
01 de Abril  
a  
30 de Junho

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de Agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetros	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,48	0,65	---	---	3	3	100%
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amónio	0,50	mg/l NH4	---	---	---	---	0	0	---
Número de colónias a 22 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
Condutividade	2500	µS/cm a 20 °C	60,6	60,6	0	100%	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5,0	<5,0	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,7	6,7	0	100%	1	1	100%
Ferro	200	µg/l Fe	<10	<10	0	100%	1	1	100%
Manganês	50	µg/l Mn	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO2	---	---	---	---	0	0	---
Oxidabilidade	5	mg/l O2	---	---	---	---	0	0	---
Cheiro a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	UNT	0,27	0,27	0	100%	1	1	100%
Antimónio <sup>1</sup>	5,0	µg/l Sb	---	---	---	---	0	0	---
Arsénio <sup>1</sup>	10	µg/l As	0,76	0,76	0	100%	1	1	100%
Benzeno <sup>1</sup>	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Boro <sup>1</sup>	1,0	mg/l B	---	---	---	---	0	0	---
Bromatos <sup>1</sup>	10	µg/l BrO3	---	---	---	---	0	0	---
Cádmio <sup>1</sup>	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cianetos <sup>1</sup>	50	µg/l CN	---	---	---	---	0	0	---
Cloretos <sup>1</sup>	250	mg/l Cl	---	---	---	---	0	0	---
Cloritos	0,70	mg/l	---	---	---	---	0	0	---
Cloratos	0,70	mg/l	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 - dicloroetano <sup>1</sup>	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO3	---	---	---	---	0	0	---
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Fluoretos <sup>1</sup>	1,5	mg/l F	---	---	---	---	0	0	---
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Merúrio <sup>2</sup>	1,0	µg/l Hg	---	---	---	---	0	0	---
Nitratos <sup>2</sup>	50	mg/l NO3	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Potássio	---	mg/l K	---	---	---	---	0	0	---
Selénio <sup>1</sup>	10	µg/l Se	---	---	---	---	0	0	---
Sódio <sup>1</sup>	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos <sup>1</sup>	250	mg/l SO4	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano <sup>1</sup> :	10	µg/l	---	---	---	---	0	0	---
Tetracloroetano <sup>1</sup>	---	µg/l	---	---	---	---	0	0	---
Tricloroetano <sup>1</sup>	---	µg/l	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos:	0,10	µg/l	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total:	100	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodiclorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Pesticidas <sup>1</sup> - total	0,50	µg/l	---	---	---	---	0	0	---
Clorpirifos <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Desetilaterbutilazina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Diurão <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Ometoato <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dimetenamida-P <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Metribuzina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
M656PH051 <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dose Indicativa <sup>1</sup>	0,10	mSv	---	---	---	---	0	0	---
Alfa Total <sup>1</sup>	---	Bq/l	---	---	---	---	0	0	---
Beta Total <sup>1</sup>	---	Bq/l	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

O Presidente do Conselho de Administração:

(João Carlos Izidoro Marques)

Data da publicação: 23/08/2024



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DA COVILHÃ

EDITAL n.º 2/2023

ZONA DE ABASTECIMENTO: BIQUINHA/8ª MUNICIPAL

2º TRIMESTRE  
01 de Abril  
a  
30 de Junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de Agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de Dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetros	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,26	0,47	---	---	3	3	100%
Alumínio	200	µg/L Al	470	470	1	0%	1	1	100%
Amónio	0,50	mg/l NH4	<0,050	<0,050	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
Condutividade	2500	µS/cm a 20 °C	63,6	63,6	0	100%	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5,0	<5,0	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	8,0	8,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	<10	<10	0	100%	1	1	100%
Manganês	50	µg/l Mn	<10	<10	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,010	<0,010	0	100%	1	1	100%
Oxidabilidade	5	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
Cheiro a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	UNT	<0,20	<0,20	0	100%	1	1	100%
Antimónio <sup>1</sup>	5,0	µg/l Sb	---	---	---	---	0	0	---
Arsénio <sup>1</sup>	10	µg/l As	---	---	---	---	0	0	---
Benzo <sup>1</sup>	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	<0,002	<0,002	0	100%	1	1	100%
Boro <sup>1</sup>	1,0	mg/l B	---	---	---	---	0	0	---
Bromatos <sup>1</sup>	10	µg/l BrO3	---	---	---	---	0	0	---
Cádmio <sup>1</sup>	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	9,5	9,5	---	---	1	1	100%
Chumbo	10	µg/l Pb	<3,0	<3,0	0	100%	1	1	100%
Cianetos <sup>1</sup>	50	µg/l CN	---	---	---	---	0	0	---
Cloretos <sup>1</sup>	250	mg/l Cl	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	<0,010	<0,010	0	100%	1	1	100%
Crómio	50	µg/l Cr	<5,0	<5,0	0	100%	1	1	100%
1,2 - dicloroetano <sup>1</sup>	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO3	19	19	---	---	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Fluoretos <sup>1</sup>	1,5	mg/l F	---	---	---	---	0	0	---
Magnésio	---	mg/l Mg	<0,50	<0,50	---	---	1	1	100%
Mercurio <sup>1</sup>	1,0	µg/l Hg	---	---	---	---	0	0	---
Nitratos <sup>1</sup>	50	mg/l NO3	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	<5,0	<5,0	0	100%	1	1	100%
Selénio <sup>1</sup>	10	µg/l Se	---	---	---	---	0	0	---
Sódio <sup>1</sup>	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos <sup>1</sup>	250	mg/l SO4	---	---	---	---	0	0	---
Carbono Orgânico Total	---	mg/l C	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano <sup>1</sup> :	10	µg/l	---	---	---	---	0	0	---
Tetracloroetano <sup>1</sup>	---	µg/l	---	---	---	---	0	0	---
Tricloroetano <sup>1</sup>	---	µg/l	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos:	0,10	µg/l	<0,005 (Maior LQ)	<0,005 (Maior LQ)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,005	<0,005	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,002	<0,002	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,004	<0,004	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,004	<0,004	---	---	1	1	100%
Trihalometanos - total:	100	µg/l	<3 (maior LQ)	<3 (maior LQ)	0	100%	1	1	100%
Clorofórmio	---	µg/l	<3	<3	---	---	1	1	100%
Bromofórmio	---	µg/l	<3	<3	---	---	1	1	100%
Bromodiorometano	---	µg/l	<3	<3	---	---	1	1	100%
Dibromodiorometano	---	µg/l	<3	<3	---	---	1	1	100%
Pesticidas <sup>1</sup> - total	0,50	µg/l	---	---	---	---	0	0	---
Clorpirifos <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Desetilaterbutilazina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Diurão <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Ometoato <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dose Indicativa <sup>1</sup>	0,10	mSv	---	---	---	---	0	0	---
Alfa Total <sup>1</sup>	---	Bq/l	---	---	---	---	0	0	---
Beta Total <sup>1</sup>	---	Bq/l	---	---	---	---	0	0	---
Radão	500	Bq/l	36	36	0	100%	1	1	100%

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

Verificada situação de incumprimento ao parâmetro Alumínio.

Causas do Incumprimento: A

averiguação das causas foi inconclusiva.

Medidas Correctivas: Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento.

O Presidente do Conselho de Administração:

(João Carlos Izidoro Marques)

Data da publicação: 04/09/2023

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de Agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetros	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,48	0,77	---	---	3	3	100%
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amónio	0,50	mg/l NH4	---	---	---	---	0	0	---
Número de colónias a 22 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
Condutividade	2500	µS/cm a 20 °C	58,0	58,0	0	100%	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5,0	<5,0	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,8	6,8	0	100%	1	1	100%
Ferro	200	µg/l Fe	<10	<10	0	100%	1	1	100%
Manganês	50	µg/l Mn	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO2	---	---	---	---	0	0	---
Oxidabilidade	5	mg/l O2	---	---	---	---	0	0	---
Cheiro a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	UNT	<0,20	<0,20	0	100%	1	1	100%
Antimónio <sup>1</sup>	5,0	µg/l Sb	<0,05	<0,05	0	100%	1	1	100%
Arsénio <sup>1</sup>	10	µg/l As	0,86	0,95	0	100%	2	2	100%
Benzeno <sup>1</sup>	1,0	µg/l	<0,3	<0,3	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Boro <sup>1</sup>	1,0	mg/l B	<0,10	<0,10	0	100%	1	1	100%
Bromatos <sup>1</sup>	10	µg/l BrO3	<1,5	<1,5	0	100%	1	1	100%
Cádmio <sup>1</sup>	5,0	µg/l Cd	<1,0	<1,0	0	100%	1	1	100%
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cianetos <sup>1</sup>	50	µg/l CN	<1,0	<1,0	0	100%	1	1	100%
Cloretos <sup>1</sup>	250	mg/l Cl	5,4	5,4	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 - dicloroetano <sup>1</sup>	3,0	µg/l	<0,3	<0,3	0	100%	1	1	100%
Dureza total	---	mg/l CaCO3	---	---	---	---	0	0	---
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Fluoretos <sup>1</sup>	1,5	mg/l F	0,032	0,032	0	100%	1	1	100%
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Merúrio <sup>1</sup>	1,0	µg/l Hg	<0,01	<0,01	0	100%	1	1	100%
Nitratos <sup>1</sup>	50	mg/l NO3	1,6	1,6	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Selénio <sup>1</sup>	10	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio <sup>1</sup>	200	mg/l Na	4,8	4,8	0	100%	1	1	100%
Sulfatos <sup>1</sup>	250	mg/l SO4	<5,0	<5,0	0	100%	1	1	100%
Carbono Orgânico Total	---	mg/l C	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano <sup>1</sup> :	10	µg/l	<3	<3	0	100%	1	1	100%
Tetracloroetano <sup>1</sup>	---	µg/l	<3	<3	---	100%	1	1	100%
Tricloroetano <sup>1</sup>	---	µg/l	<0,3	<0,3	---	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos:	0,10	µg/l	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total:	100	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodichlorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Pesticidas <sup>1</sup> - total	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Clorpirifos <sup>1</sup>	0,10	µg/l	<0,03	<0,03	0	100%	1	1	100%
Desetilaterbutilazina <sup>1</sup>	0,10	µg/l	<0,014	<0,014	0	100%	1	1	100%
Diurão <sup>1</sup>	0,10	µg/l	<0,014	<0,014	0	100%	1	1	100%
Imidaclopride <sup>1</sup>	0,10	µg/l	<0,014	<0,014	0	100%	1	1	100%
Ometoato <sup>1</sup>	0,10	µg/l	<0,014	<0,014	0	100%	1	1	100%
Terbutilazina <sup>1</sup>	0,10	µg/l	<0,014	<0,014	0	100%	1	1	100%
Dimetoato <sup>1</sup>	0,10	µg/l	<0,014	<0,014	0	100%	1	1	100%
Dimetenamida-P <sup>1</sup>	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metribuzina <sup>1</sup>	0,10	µg/l	<0,014	<0,014	0	100%	1	1	100%
Dose Indicativa <sup>1</sup>	0,10	mSv	<0,10	<0,10	0	100%	1	1	100%
Alfa Total <sup>1</sup>	---	Bq/l	<0,04	<0,04	---	---	1	1	100%
Beta Total <sup>1</sup>	---	Bq/l	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

O Presidente do Conselho de Administração:

(João Carlos Izidoro Marques)

Data da publicação: 11/12/2023



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

**EDITAL n.º 4/2023**

**ZONA DE ABASTECIMENTO: BIQUINHA/BªMUNICIPAL**

4º TRIMESTRE  
01 de Outubro  
a  
31 de Dezembro

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de Agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetros	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,60	0,86	---	---	3	3	100%
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amónio	0,50	mg/l NH4	---	---	---	---	0	0	---
Número de colónias a 22 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
Condutividade	2500	µS/cm a 20 °C	52,4	52,4	0	100%	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5,0	<5,0	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,6	7,6	0	100%	1	1	100%
Ferro	200	µg/l Fe	<10	<10	0	100%	1	1	100%
Manganês	50	µg/l Mn	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO2	---	---	---	---	0	0	---
Oxidabilidade	5	mg/l O2	---	---	---	---	0	0	---
Cheiro a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25°C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	UNT	0,83	0,83	0	100%	1	1	100%
Antimónio <sup>1</sup>	5,0	µg/l Sb	---	---	---	---	0	0	---
Arsénio <sup>1</sup>	10	µg/l As	---	---	---	---	0	0	---
Benzeno <sup>1</sup>	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Boro <sup>1</sup>	1,0	mg/l B	---	---	---	---	0	0	---
Bromatos <sup>1</sup>	10	µg/l BrO3	---	---	---	---	0	0	---
Cádmio <sup>1</sup>	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cianetos <sup>1</sup>	50	µg/l CN	---	---	---	---	0	0	---
Cloretos <sup>1</sup>	250	mg/l Cl	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 - dicloroetano <sup>1</sup>	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO3	---	---	---	---	0	0	---
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Fluoretos <sup>1</sup>	1,5	mg/l F	---	---	---	---	0	0	---
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Mercurio <sup>1</sup>	1,0	µg/l Hg	---	---	---	---	0	0	---
Nitratos <sup>1</sup>	50	mg/l NO3	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Selénio <sup>1</sup>	10	µg/l Se	---	---	---	---	0	0	---
Sódio <sup>1</sup>	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos <sup>1</sup>	250	mg/l SO4	---	---	---	---	0	0	---
Carbono Orgânico Total	---	mg/l C	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano <sup>1</sup> :	10	µg/l	---	---	---	---	0	0	---
Tetracloroetano <sup>1</sup>	---	µg/l	---	---	---	---	0	0	---
Tricloroetano <sup>1</sup>	---	µg/l	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos:	0,10	µg/l	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total:	100	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodichlorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Pesticidas <sup>1</sup> - total	0,50	µg/l	---	---	---	---	0	0	---
Clorpirifos <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Desetilaterbutilazina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Diurão <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Ometoato <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dimetenamida-P <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Metribuzina <sup>1</sup>	0,10	µg/l	---	---	---	---	0	0	---
Dose Indicativa <sup>1</sup>	0,10	mSv	---	---	---	---	0	0	---
Alfa Total <sup>1</sup>	---	Bq/l	---	---	---	---	0	0	---
Beta Total <sup>1</sup>	---	Bq/l	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

Não se verificaram situações de incumprimento

O Presidente do Conselho de Administração:

(João Carlos Zidoro Marques)

Data da publicação: 27/02/2024