

## **EDITAL N.º 132 /2023**

Vítor Manuel Dias Proença, Presidente do Município de Sabugal, em cumprimento do disposto no n.º 2 do artigo 17.º, do Decreto-Lei n.º 152/2017, de 7 de dezembro, torna públicos os resultados obtidos nas análises de demonstração de conformidade com as normas de qualidade da água destinada ao consumo humano, relativos ao 3.º trimestre de 2023.

O Município de Sabugal realiza um programa de controlo da qualidade da água, aprovado pela Entidade Reguladora dos Serviços de Águas e Resíduos (ERSAR), que incide sobre os sistemas de distribuição no concelho de Sabugal, com colheitas regulares nos pontos estratégicos dos sistemas de abastecimento de água. Todas as determinações são realizadas no cumprimento das disposições constantes na lei, nomeadamente no que se refere a parâmetros, frequência de amostragem e análise e métodos analíticos.

Em anexo apresentam-se os resultados das análises obtidas entre julho e setembro de 2023 que serão afixados nos lugares próprios existentes para conhecimento dos consumidores e munícipes.

Para constar se lavrou o presente Edital (que integra no seu conjunto 8 folhas).

Sabugal, 12 de dezembro de 2023

O Presidente da Câmara Municipal,

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(Vítor Manuel Dias Proença)



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).

**2023**

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	0,6	0,7	---	---	2	2	100%
Cheiro a 25 °C (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
Sabor a 25 °C (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	---	6,6	0	100%	1	1	100%
Condutividade (µS/cm a 20 °C)	2500	---	92	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	20	0	100%	1	1	100%
Turvação (NTU)	4	---	1,2	0	100%	1	1	100%
Enterococos (N/100 ml)	0	---	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	1	0	100%	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	0	0	100%	1	1	100%
Alumínio (µg/L Al)	200	---	< 50	0	100%	1	1	100%
Amónio (mg/l NH <sub>4</sub> )	0,50	---	< 0,05	0	100%	1	1	100%
Antimónio (µg/l Sb)	5,0	---	< 1	0	100%	1	1	100%
Arsénio (µg/l As)	10	---	11,6	1	0%	1	1	100%
Benzeno (µg/l)	1,0	---	< 0,20	0	100%	1	1	100%
Benzo(a)pireno (µg/l)	0,010	---	< 0,001	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	< 0,01	0	100%	1	1	100%
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	---	---	1	0	0%
Cádmio (µg/l Cd)	5,0	---	< 0,5	0	100%	1	1	100%
Cálcio (mg/l Ca)	---	---	14,1	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	< 5	0	100%	1	1	100%
Cloretos (mg/l Cl)	250	---	< 25	0	100%	1	1	100%
Chumbo (µg/l Pb)	10	---	< 0,5	0	100%	1	1	100%
Cobre (mg/l Cu)	2,0	---	0,0040	0	100%	1	1	100%
Crómio (µg/l Cr)	50	---	< 1	0	100%	1	1	100%
1,2 - dicloroetano (µg/l)	3,0	---	< 0,750	0	100%	1	1	100%
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	37,7	---	---	1	1	100%
Ferro (µg/l Fe)	200	---	360	1	0%	1	1	100%
Fluoretos (mg/l F)	1,5	---	< 0,2	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	< 0,001	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,001	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,001	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,001	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	< 0,001	---	---	1	1	100%
Magnésio (mg/l Mg)	---	---	0,63	---	---	1	1	100%
Manganês (µg/l Mn)	50	---	19	0	100%	1	1	100%
Nitratos (mg/l NO <sub>3</sub> )	50	---	2,5	0	100%	1	1	100%
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	< 0,01	0	100%	1	1	100%
Mercúrio (µg/l Hg)	1,0	---	< 0,30	0	100%	1	1	100%
Níquel (µg/l Ni)	20	---	< 1	0	100%	1	1	100%
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	< 1,1	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	< 1	0	100%	1	1	100%
Sódio (mg/l Na)	200	---	4,77	0	100%	1	1	100%
Sulfatos (mg/l SO <sub>4</sub> )	250	---	< 5	0	100%	1	1	100%
Tetracloroetano e Tricloroetano (µg/l):	10	---	< 0,20	0	---	1	1	100%
Tetracloroetano(µg/l)	---	---	< 0,20	---	---	1	1	100%
Tricloroetano(µg/l)	---	---	< 0,10	---	---	1	1	100%
Trihalometanos - total (µg/l):	100	---	5,17	0	100%	1	1	100%
Clorofórmio(µg/l)	---	---	3,24	---	---	1	1	100%
Bromofórmio(µg/l)	---	---	< 0,20	---	---	1	1	100%
Bromodichlorometano(µg/l)	---	---	1,56	---	---	1	1	100%
Dibromoclorometano(µg/l)	---	---	0,37	---	---	1	1	100%
Atividade alfa total (Bq/l)	0,10	---	< 0,04	0	100%	1	1	100%
Radão (Bq/l)	500,00	---	196	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	< 0,03	0	100%	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%
Dimetenamida-P (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%
Metribuzina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): • Parâmetro -Arsénio; Causas do incumprimento - A decorrer a averiguação das causas • Parâmetro -Ferro; Causas do incumprimento - A decorrer a averiguação das causas

O Presidente da Câmara Municipal,

(Vítor Manuel Dias Proença)

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).

**2023**

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	0,1	0,4	---	---	2	2	100%
Cheiro a 25 °C (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
Sabor a 25 °C (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	---	6,5	0	100%	1	1	100%
Condutividade (µS/cm a 20 °C)	2500	---	44	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,50	0	100%	1	1	100%
Enterococos (N/100 ml)	0	---	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	127	1	0%	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	112	1	0%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/l Al)	200	---	43,2	0	100%	1	1	100%
Amónio (mg/l NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 - dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	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	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO <sub>3</sub> )	50	---	---	---	---	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/l):	10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodichlorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	< 0,10	0	100%	1	1	100%
Metribuzina (µg/l)	---	---	< 0,030	---	---	1	1	100%
Dimetenamida-D (µg/l)	---	---	< 0,010	---	---	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): • Parâmetro - Número de colónias a 22 °C e a 37°C ; Causas do incumprimento - A averiguação das causas foi inconclusiva ; Medidas correctivas -Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento ; Duração do incumprimento - até 7 dias.

O Presidente da Câmara Municipal,

(Vitor Manuel Dias Proença)

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).

**2023**

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	---	0	0	100%	1	1	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	1	1	100%
Desinfetante residual (mg/l)	---	---	0,2	---	---	1	1	100%
Cheiro a 25 °C (Factor de diluição)	3	---	---	---	---	0	0	---
Sabor a 25 °C (Factor de diluição)	3	---	---	---	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
Condutividade (µS/cm a 20 °C)	2500	---	---	---	---	0	0	---
Cor (mg/l PtCo)	20	---	---	---	---	0	0	---
Turvação (NTU)	4	---	---	---	---	0	0	---
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	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	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO <sub>3</sub> )	50	---	---	---	---	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/l):	10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodichlorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

**O Presidente da Câmara Municipal,**

(Vitor Manuel Dias Proença)

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).

**2023**

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	---	---	---	---	0	0	---
Cheiro a 25 °C (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
Sabor a 25 °C (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	---	5,6	1	0%	1	1	100%
Condutividade (µS/cm a 20 °C)	2500	---	38	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	5,1	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,5	0	100%	1	1	100%
Enterococos (N/100 ml)	0	---	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	2	0	100%	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	0	0	100%	1	1	100%
Alumínio (µg/L Al)	200	---	66	0	100%	1	1	100%
Amónio (mg/l NH <sub>4</sub> )	0,50	---	< 0,05	0	100%	1	1	100%
Antimónio (µg/l Sb)	5,0	---	< 1	0	100%	1	1	100%
Arsénio (µg/l As)	10	---	4,5	0	100%	1	1	100%
Benzeno (µg/l)	1,0	---	< 0,20	0	100%	1	1	100%
Benzo(a)pireno (µg/l)	0,010	---	< 0,001	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	< 0,01	0	100%	1	1	100%
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	< 0,5	0	100%	1	1	100%
Cálcio (mg/l Ca)	---	---	2,92	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	< 5	0	100%	1	1	100%
Cloretos (mg/l Cl)	250	---	< 25	0	100%	1	1	100%
Chumbo (µg/l Pb)	10	---	< 0,5	0	100%	1	1	100%
Cobre (mg/l Cu)	2,0	---	0,0117	0	100%	1	1	100%
Crómio (µg/l Cr)	50	---	< 1	0	100%	1	1	100%
1,2 – dicloroetano (µg/l)	3,0	---	< 0,750	0	100%	1	1	100%
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	8,7	---	---	1	1	100%
Ferro (µg/l Fe)	200	---	< 50	0	100%	1	1	100%
Fluoretos (mg/l F)	1,5	---	< 0,2	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	< 0,001	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,001	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,001	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,001	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	< 0,001	---	---	1	1	100%
Magnésio (mg/l Mg)	---	---	0,335	---	---	1	1	100%
Manganês (µg/l Mn)	50	---	< 10	0	100%	1	1	100%
Nitratos (mg/l NO <sub>3</sub> )	50	---	< 2,0	0	100%	1	1	100%
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	< 0,01	0	100%	1	1	100%
Mercúrio (µg/l Hg)	1,0	---	< 0,30	0	100%	1	1	100%
Níquel (µg/l Ni)	20	---	< 1	0	100%	1	1	100%
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	< 1,1	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	< 1	0	100%	1	1	100%
Sódio (mg/l Na)	200	---	5,44	0	100%	1	1	100%
Sulfatos (mg/l SO <sub>4</sub> )	250	---	< 5	0	100%	1	1	100%
Tetracloroetano e Tricloroetano (µg/l):	10	---	< 0,20	0	100%	1	1	100%
Tetracloroetano(µg/l)	---	---	< 0,20	---	---	1	1	100%
Tricloroetano(µg/l)	---	---	< 0,10	---	---	1	1	100%
Trihalometanos - total (µg/l):	100	---	< 0,001	0	100%	1	1	100%
Clorofórmio(µg/l)	---	---	< 0,001	---	---	1	1	100%
Bromofórmio(µg/l)	---	---	< 0,001	---	---	1	1	100%
Bromodichlorometano(µg/l)	---	---	< 0,001	---	---	1	1	100%
Dibromoclorometano(µg/l)	---	---	< 0,001	---	---	1	1	100%
Atividade alfa total (Bq/l)	0,10	---	< 0,04	0	100%	1	1	100%
Radão (Bq/l)	500,00	---	397	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	< 0,03	0	100%	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,03	---	---	1	1	100%
Dimetenamida-P (µg/l)	0,10	---	< 0,03	---	---	1	1	100%
Metribuzina (µg/l)	0,10	---	< 0,03	---	---	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,03	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Parâmetro -pH ; Causas do incumprimento -A decorrer a averiguação das causas

O Presidente da Câmara Municipal,

(Vitor Manuel Dias Proença)

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).

**2023**

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	2	1	50%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	19	1	50%	2	2	100%
Desinfetante residual (mg/l)	---	< 0,1	0,5	---	---	2	2	100%
Cheiro a 25 °C (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
Sabor a 25 °C (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	---	6,5	0	100%	1	1	100%
Condutividade (µS/cm a 20 °C)	2500	---	50	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,50	0	100%	1	1	100%
Enterococos (N/100 ml)	0	---	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	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	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO <sub>3</sub> )	50	---	---	---	---	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/l):	10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodichlorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	< 0,10	0	---	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,030	---	---	1	1	100%
Dimetenamida-P (µg/l)	0,10	---	< 0,030	---	---	1	1	100%
Metribuzina (µg/l)	0,10	---	< 0,030	---	---	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,030	---	---	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): • Parâmetro - *E.Coli* e Bactérias Coliformes ; Causas do incumprimento - Falta de manutenção/limpeza na rede predial ; Medidas corretivas -Recomendação de manutenção/limpeza/higienização da rede predial; Duração do incumprimento - 8 a 30 dias.

O Presidente da Câmara Municipal,

(Vítor Manuel Dias Proença)



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).

**2023**

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	0,6	0,7	---	---	2	2	100%
Cheiro a 25 °C (Factor de diluição)	3	---	---	---	---	0	0	---
Sabor a 25 °C (Factor de diluição)	3	---	---	---	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
Condutividade (µS/cm a 20 °C)	2500	---	---	---	---	0	0	---
Cor (mg/l PtCo)	20	---	---	---	---	0	0	---
Turvação (NTU)	4	---	---	---	---	0	0	---
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	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	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO <sub>3</sub> )	50	---	---	---	---	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/l):	10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromodlorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	0,1	0	100%	1	1	100%
Metribuzina (µg/l)	---	---	< 0,030	---	---	1	1	100%
Dimetenamida-D (µg/l)	---	---	< 0,030	---	---	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%

O Presidente da Câmara Municipal,

(Vítor Manuel Dias Proença)

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).

**2023**

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	---	0	0	100%	9	9	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	9	9	100%
Desinfetante residual (mg/l)	---	0,2	0,8	---	---	9	9	100%
Cheiro a 25 °C (Factor de diluição)	3	---	< 1	0	100%	4	4	100%
Sabor a 25 °C (Factor de diluição)	3	---	< 1	0	100%	4	4	100%
pH (Unidades pH)	≥6,5 e ≤9,5	7,2	7,5	0	100%	4	4	100%
Condutividade (µS/cm a 20 °C)	2500	143	170	0	100%	4	4	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	4	4	100%
Turvação (NTU)	4	---	< 0,50	0	100%	4	4	100%
Enterococos (N/100 ml)	0	---	0	0	100%	4	4	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	0	0	100%	4	4	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	0	0	100%	4	4	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	0	0	100%	4	4	100%
Alumínio (µg/L Al)	200	< 30	48	0	100%	4	4	100%
Amónio (mg/l NH <sub>4</sub> )	0,50	---	< 0,1	0	100%	1	1	100%
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	< 1,0*	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	0,0030	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	24	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	< 3,0	0	100%	1	1	100%
Cobre (mg/l Cu)	2,0	---	0,0142	0	100%	1	1	100%
Crómio (µg/l Cr)	50	---	< 5,0	0	100%	1	1	100%
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	68	0	100%	1	1	100%
Ferro (µg/l Fe)	200	< 2,0	43	0	100%	4	4	100%
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	< 0,0200	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,0200	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,0200	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,0200	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	< 0,0200	---	---	1	1	100%
Magnésio (mg/l Mg)	---	---	< 2,0	---	---	1	1	100%
Manganês (µg/l Mn)	50	---	< 10	0	100%	4	4	100%
Nitratos (mg/l NO <sub>3</sub> )	50	---	---	---	---	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	< 0,04	0	100%	1	1	100%
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	< 5	0	100%	1	1	100%
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	1	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/l):	10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	22,6	0	100%	1	1	100%
Clorofórmio(µg/l)	---	---	15,5	---	---	1	1	100%
Bromofórmio(µg/l)	---	---	0,27	---	---	1	1	100%
Bromodichlorometano(µg/l)	---	---	5,6	---	---	1	1	100%
Dibromoclorometano(µg/l)	---	---	1,22	---	---	1	1	100%
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	< 10,0	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

NOTA 1: \* - Parâmetro (conservativo) analisado pela entidade gestora em alta (Água do Vale do Tejo)

O Presidente da Câmara Municipal,

(Vitor Manuel Dias Proença)