



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

**EDITAL n.º1/2026**

**ZONA DE ABASTECIMENTO: Vale Formoso**

Em conformidade com o Decreto-Lei n.º69/2023, 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).

**1º TRIMESTRE 2026**  
**01 Janeiro a**  
**31 Março**

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100	2	2	100
Bactérias coliformes	0	N/100 ml	0	0	0	100	2	2	100
Desinfetante residual	---	mg/l	0,56	0,89	0	---	2	2	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
pH	≥6,5 e ≤9,5	Unidades pH	6,9	6,9	0	100	1	1	100
Condutividade	2500	µS/cm a 20 °C	67,9	67,9	0	100	1	1	100
Cor	20	mg/l PtCo	<5,0	<5,0	0	100	1	1	100
Turvação	4	UNT	<0,20	<0,20	0	100	1	1	100
Enterococos	0	N/100 ml	0	0	0	100	1	1	100
Número de colónias a 22 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100	1	1	100
Alumínio	200	µg/L Al	<20	<20	0	100	1	1	100
Amónio	0,50	mg/l NH <sub>4</sub>	<0,050	<0,050	0	100	1	1	100
Antimónio	10,0	µg/l Sb	<0,05	<0,05	0	100	1	1	100
Arsénio	10	µg/l As	3,18	3,18	0	100	1	1	100
Benzeno	1,0	µg/l	<0,3	<0,3	0	100	1	1	100
Benzo(a)pireno	0,010	µg/l	<0,002	<0,002	0	100	1	1	100
Boro	1,5	mg/l B	<0,10	<0,10	0	100	1	1	100
Bromatos	10	µg/l BrO <sub>3</sub>	<1,5	<1,5	0	100	1	1	100
Cádmio	5,0	µg/l Cd	<1,0	<1,0	0	100	1	1	100
Cálcio	---	mg/l Ca	8,2	8,2	---	---	1	1	100
Cianetos	50	µg/l CN	<1,0	<1,0	0	100	1	1	100
Cloretos	250	mg/l Cl	3,3	3,3	0	100	1	1	100
Cloritos	0,70	mg/l ClO <sub>2</sub>	<0,010	<0,010	0	100	1	1	100
Cloratos	0,70	mg/l ClO <sub>3</sub>	0,055	0,055	0	100	1	1	100
Chumbo	10	µg/l Pb	<3,0	<3,0	0	100	1	1	100
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	3,0	µg/l	<0,3	<0,3	0	100	1	1	100
Dureza total	---	mg/l CaCO <sub>3</sub>	22	22	---	---	1	1	100
Ferro	200	µg/l Fe	<10	<10	0	100	1	1	100
Fluoretos	1,5	mg/l F	0,42	0,42	0	100	1	1	100
Hidrocarbonetos Aromáticos Policíclicos (HAP):	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
Magnésio	---	mg/l Mg	<0,50	<0,50	---	---	1	1	100
Manganês	50	µg/l Mn	<10	<10	0	100	1	1	100
Nitratos	50	mg/l NO <sub>3</sub>	1,9	1,9	0	100	1	1	100
Nitritos	0,50	mg/l NO <sub>2</sub>	<0,010	<0,010	0	100	1	1	100
Mercúrio	1,0	µg/l Hg	<0,01	<0,01	0	100	1	1	100
Níquel	20	µg/l Ni	<5,0	<5,0	0	100	1	1	100
Potássio	alter. anorm	mg K/L	0,58	0,58	---	---	1	1	100
Oxidabilidade	5,0	mg/l O <sub>2</sub>	<1,0	<1,0	0	100	1	1	100
Pesticidas - total	0,50	µg/l	---	---	---	---	0	0	---
Diurão	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride	0,10	µg/l	---	---	---	---	0	0	---
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato	0,10	µg/l	---	---	---	---	0	0	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	0	0	---
M656PH051	0,10	µg/l	---	---	---	---	0	0	---
Glifosato	0,10	µg/l	---	---	---	---	0	0	---
AMPA	0,10	µg/l	---	---	---	---	0	0	---
Selénio	20	µg/l Se	<0,5	<0,5	0	100	1	1	100
Sódio	200	mg/l Na	7,3	7,3	0	100	1	1	100
Sulfatos	250	mg/l SO <sub>4</sub>	<5,0	<5,0	0	100	1	1	100
Tetracloroeteno e Tricloroeteno:	10	µg/l	<3 (maior LQ)	<3 (maior LQ)	0	100	1	1	100
Tetracloroeteno	---	µg/l	<3	<3	---	---	1	1	100
Tricloroeteno	---	µg/l	<0,3	<0,3	---	---	1	1	100
Trihalometanos - total (THM):	80	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
Bromodichlorometano	---	µg/l	<3	<3	---	---	1	1	100
Dibromoclorometano	---	µg/l	<3	<3	---	---	1	1	100
Dose indicativa	0,10	mSv	<0,10	<0,10	0	100	1	1	100
Radão	500	Bq/l	82	82	0	100	1	1	100
Alfa-total	0,10	Bq/l	0,04	0,04	---	---	1	1	100
Bisfenol A	2,5	µg/L	<0,050	<0,050	0	100	1	1	100
Soma de 5 Ácidos haloacéticos	60	µg/l	1	1	0	100	1	1	100
Soma de 20 PFAS	0,10	µg/L	<0,00150	<0,00150	0	100	1	1	100
Urânio	30	µg/l	1,31	1,31	0	100	1	1	100

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

Responsável: Nuno Filipe Abreu Pedro

Data da publicação no website: 12/05/2026

Em conformidade com o Decreto-Lei n.º69/2023, 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).

**4º TRIMESTRE 2025**  
**01 Outubro a**  
**31 Dezembro**

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	0,76	0,76	---	---	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%
pH	≥6,5 e ≤9,5	Unidades pH	7	7	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	81,6	81,6	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5,0	<5,0	0	100%	1	1	100%
Turvação	4	UNT	<0,20	<0,20	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	---	---	---	---	0	0	---
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	0	0	---
Antimónio	10,0	µg/l Sb	---	---	---	---	0	0	---
Arsénio	10	µg/l As	3,91	3,91	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Boro	1,5	mg/l B	---	---	---	---	0	0	---
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	0	0	---
Cádmio	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Cianetos	50	µg/l CN	---	---	---	---	0	0	---
Cloretos	250	mg/l Cl	---	---	---	---	0	0	---
Cloritos	0,70	mg/l ClO <sub>2</sub>	---	---	---	---	0	0	---
Cloratos	0,70	mg/l ClO <sub>3</sub>	---	---	---	---	0	0	---
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 - dicloroetano	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	0	0	---
Ferro	200	µg/l Fe	<10	<10	0	100%	1	1	100%
Floretos	1,5	mg/l F	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos	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	---
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Manganês	50	µg/l Mn	---	---	---	---	0	0	---
Nitratos	50	mg/l NO <sub>3</sub>	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	0	0	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Potássio	alter. anorm	mg K/L	---	---	---	---	0	0	---
Oxidabilidade	5,0	mg/l O <sub>2</sub>	---	---	---	---	0	0	---
Pesticidas - total	0,50	µg/l	---	---	---	---	0	0	---
Clorpirifos	0,50	µg/l	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Diurão	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride	0,10	µg/l	---	---	---	---	0	0	---
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato	0,10	µg/l	---	---	---	---	0	0	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	0	0	---
Metribuzina	0,10	µg/l	---	---	---	---	0	0	---
M656PH051	0,10	µg/l	---	---	---	---	0	0	---
Glifosato	0,10	µg/l	---	---	---	---	0	0	---
AMPA	0,10	µg/l	---	---	---	---	0	0	---
Selénio	20	µg/l Se	---	---	---	---	0	0	---
Sódio	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos	250	mg/l SO <sub>4</sub>	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	0	0	---
Tetracloroetano	---	µg/l	---	---	---	---	0	0	---
Tricloroetano	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total (THM):	80	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodichlorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Dose indicativa	0,10	mSv	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---
Alfa-total	0,10	Bq/l	---	---	---	---	0	0	---

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

Responsável: Nuno Filipe Abreu Pedro

Data da publicação no website: 05/02/2026



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

EDITAL n.º3/2025

ZONA DE ABASTECIMENTO: Vale Formoso

Em conformidade com o Decreto-Lei n.º69/2023, 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).

3º TRIMESTRE 2025  
01 Julho a  
30 Setembro

Table with columns: Parâmetro (unidades), Valor Paramétrico (VP), Valores obtidos, N.º Análises superiores VP, % Cumprimento do VP, N.º Análises (PCQA), % Análises. Rows include various water quality parameters like Escherichia coli, Bactérias coliformes, Desinfetante residual, etc.

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

Responsável: Nuno Filipe Abreu Pedro

Data da publicação no website: 24/11/2025

Em conformidade com o Decreto-Lei n.º69/2023, 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).

2º TRIMESTRE 2025  
01 Abril a  
30 Junho

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	0,53	0,53	---	---	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%
pH	≥6,5 e ≤9,5	Unidades pH	7,6	7,6	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	88,7	88,7	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5,0	<5,0	0	100%	1	1	100%
Turvação	4	UNT	<0,20	<0,20	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	N.D.	N.D.	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	<20	<20	0	100%	1	1	100%
Amónio	0,50	mg/l NH <sub>4</sub>	<0,050	<0,050	0	100%	1	1	100%
Antimónio	10,0	µg/l Sb	<0,05	<0,05	0	100%	1	1	100%
Arsénio	10	µg/l As	3,24	3,24	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,3	<0,3	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,002	<0,002	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,10	<0,10	0	100%	1	1	100%
Bromatos	10	µg/l BrO <sub>3</sub>	2,3	2,3	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<1,0	<1,0	0	100%	1	1	100%
Cálcio	---	mg/l Ca	15	15	---	---	1	1	100%
Cianetos	50	µg/l CN	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	3,8	3,8	0	100%	1	1	100%
Cloritos	0,70	mg/l ClO <sub>2</sub>	<0,010	<0,010	0	100%	1	1	100%
Cloratos	0,70	mg/l ClO <sub>3</sub>	0,078	0,078	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<3,0	<3,0	0	100%	1	1	100%
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	3,0	µg/l	<0,3	<0,3	0	100%	1	1	100%
Dureza total	---	mg/l CaCO <sub>3</sub>	40	40	---	---	1	1	100%
Ferro	200	µg/l Fe	<10	<10	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	0,4	0,4	0	100%	1	1	100%
Hidrocarbonetos Aromáticos	0,10	µg/l	<0,005 (Maior LQ)	<0,005 (Maior LQ)	0	100%	1	1	---
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%
Magnésio	---	mg/l Mg	0,54	0,54	---	---	1	1	100%
Manganês	50	µg/l Mn	<10	<10	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	2,6	2,6	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	0,18	0,18	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	<0,01	<0,01	0	100%	1	1	100%
Níquel	20	µg/l Ni	<5,0	<5,0	0	100%	1	1	100%
Potássio	alter. anorm	mg K/L	1,3	1,3	---	---	1	1	100%
Oxidabilidade	5,0	mg/l O <sub>2</sub>	<1,0	<1,0	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	---	---	---	0	0	---
Clorpirifos	0,50	µg/l	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Diurão	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride	0,10	µg/l	---	---	---	---	0	0	---
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato	0,10	µg/l	---	---	---	---	0	0	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	0	0	---
Metribuzina	0,10	µg/l	---	---	---	---	0	0	---
M656PH051	0,10	µg/l	---	---	---	---	0	0	---
Glifosato	0,10	µg/l	---	---	---	---	0	0	---
AMPA	0,10	µg/l	---	---	---	---	0	0	---
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	12	12	0	100%	1	1	100%
Sulfatos	250	mg/l SO <sub>4</sub>	<5,0	<5,0	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno:	10	µg/l	<3 (maior LQ)	<3 (maior LQ)	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<3	<3	---	---	1	1	100%
Tricloroeteno	---	µg/l	<0,3	<0,3	---	---	1	1	100%
Trihalometanos - total (THM):	80	µg/l	<3 (maior LQ)	<3 (maior LQ)	0	100%	1	1	---
Clorofórmio	---	µg/l	<3	<3	---	---	1	1	100%
Bromofórmio	---	µg/l	<3	<3	---	---	1	1	100%
Bromodichlorometano	---	µg/l	<3	<3	---	---	1	1	100%
Dibromoclorometano	---	µg/l	<3	<3	---	---	1	1	100%
Dose indicativa	0,10	mSv	<0,10	<0,10	0	100%	1	1	100%
Radão	500	Bq/l	18	18	0	100%	1	1	100%
Alfa-total	0,10	Bq/l	<0,04	<0,04	---	---	1	1	---

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