melgaço município

DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Viladraque*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	117	117	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	7,4	7,4	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	15,2	15,2	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,23	0,23	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Nitratos	50	mg/l NO3	4,9	4,9	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	<10,0	<10,0	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,0100	<0,0100	0	100%	1	1	100%
Clorofórmio	300	µg/l	8,89	8,89	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	18,9	18,9	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	4,17	4,17	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	3,84	3,84	0	100%	1	1	100%
Bromofórmio	100	µg/l	2,00	2,00	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	1	1	100%
Radão	500	Bq/L	45,2	45,2	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	<5,0	<5,0	0	100%	1	1	100%
Alumínio	200	µg/l Al	145	145	0	100%	1	1	100%
Manganês	50	µg/l Mn	25,6	25,6	0	100%	1	1	100%
Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	100	mg/l Ca	12,2	12,2	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<0,5	<0,5	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	2,25E-3	2,25E-3	0	100%	1	1	100%
Crómio	50	µg/l Cr	0,65	0,65	0	100%	1	1	100%
Magnésio	---	mg/l Mg	2,2	2,2	0	100%	1	1	100%
Níquel	20	µg/l Ni	<0,5	<0,5	0	100%	1	1	100%
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	6,5	6,5	0	100%	1	1	100%
Antimónio	10	µg/l Sb	<0,5	<0,5	0	100%	1	1	100%
Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
alfa-Total - ALS (W-GAA-SCI)	0,1	Bq/l	0,05	0,05	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dureza Total	150-500	mg/l CaCO3	39,5	39,5	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO

3º TRIMESTRE

ZONA DE ABASTECIMENTO: ***Alvaredo***

2025

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	3	3	100%
Desinfectante residual	---	mg/l Cl2	0,3	0,5	0	100%	3	3	100%
Cheiro a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	8,3	8,3	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 ºC	161	161	0	100%	1	1	100%
Cor	20	mg/l PtCo	<3,0	<3,0	0	100%	1	1	100%
Turvação	4	UNT	<1	<1	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC	---	N/ml	0	0	0	100%	1	1	100%
Número de colónias a 37 ºC	---	N/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	122	122	0	100%	1	1	100%
Amónio	0,50	mg/l NH_4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO_3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO_2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO_3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l $CaCO_3$	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO_3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO_2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O_2	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO_4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
Alfa Total	1	Bq/l	---	---	---	---	---	---	---
Beta Total	0,1	Bq/l	---	---	---	---	---	---	---
Glifosato	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***aos Ribeiros*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	1	1	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l Cl2	0,28	0,28	0	100%	1	1	100%
Cheiro a 25 ºC	3	Factor de diluição	---	---	---	---	---	---	---
Sabor a 25 ºC	3	Factor de diluição	---	---	---	---	---	---	---
pH	6,5 - 9,5	Escala Sorensen	---	---	---	---	---	---	---
Condutividade	2500	µS/cm	---	---	---	---	---	---	---
Cor	20	mg/l escala Pt-Co	---	---	---	---	---	---	---
Turvação	4	NTU	---	---	---	---	---	---	---
Enterococos	0	ufc/100ml	---	---	---	---	---	---	---
Número de colónias a 22 ºC	---	ufc/ml	---	---	---	---	---	---	---
Número de colónias a 37 ºC	---	ufc/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/l Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH_4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO_3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO_2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO_3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l $CaCO_3$	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO_3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO_2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O_2	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO_4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/L	---	---	---	---	---	---	---
Alfa Total	1	Bq/l	---	---	---	---	---	---	---
Beta Total	0	Bq/l	---	---	---	---	---	---	---
Glifosato	0	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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melgaço município	**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO**	**3º TRIMESTRE**
	ZONA DE ABASTECIMENTO: ***Aveleira-Gave***	**2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,20	0,20	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

Assinado de forma digital por MANUEL JOSE CARDOSO RODRIGUES
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melgaço município	**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO**	**3º TRIMESTRE**
	ZONA DE ABASTECIMENTO: ***Cabana***	**2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	2	2	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Desinfectante residual	---	mg/l Cl2	0,27	0,31	0	100%	2	2	100%
Cheiro a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,4	7,4	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 ºC	139	139	0	100%	1	1	100%
Cor	20	mg/l PtCo	<3	<3	0	100%	1	1	100%
Turvação	4	UNT	---	---	---	---	---	---	---
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC	---	N/ml	0	0	0	100%	1	1	100%
Número de colónias a 37 ºC	---	N/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH_4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	<5	<5	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO_3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO_2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO_3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l $CaCO_3$	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO_3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO_2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O_2	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO_4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
Alfa Total	1	Bq/l	---	---	---	---	---	---	---
Beta Total	0	Bq/l	---	---	---	---	---	---	---
Glifosato	0	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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melgaço município

DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Castro Laboreiro*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	2	2	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Desinfectante residual	---	mg/l Cl2	0,21	0,21	0	100%	2	2	100%
Cheiro a 25 ºC	3	Factor de diluição	---	---	---	---	---	---	---
Sabor a 25 ºC	3	Factor de diluição	---	---	---	---	---	---	---
pH	6,5 - 9,5	Escala Sorensen	---	---	---	---	---	---	---
Condutividade	2500	µS/cm	---	---	---	---	---	---	---
Cor	20	mg/l escala Pt-Co	---	---	---	---	---	---	---
Turvação	4	NTU	---	---	---	---	---	---	---
Enterococos	0	ufc/100ml	---	---	---	---	---	---	---
Número de colónias a 22 ºC	---	ufc/ml	---	---	---	---	---	---	---
Número de colónias a 37 ºC	---	ufc/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	ufc/100ml	---	---	---	---	---	---	---
Alumínio	200	µg/l Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l CaCO3	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,5	mg/l NO2	---	---	---	---	---	---	---
Mercúrio	1	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Pesticidas - total	---	---	<0,030	<0,030	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Radão	500	Bq/L	---	---	---	---	---	---	---
Alfa Total	0,1	Bq/l	---	---	---	---	---	---	---
Somatório concentração de radionuclídeos	1	---	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Polónio 210	---	Bq/L	---	---	---	---	---	---	---
Rádio 226	---	Bq/L	---	---	---	---	---	---	---
Urânio 234	---	Bq/L	---	---	---	---	---	---	---
Urânio 238	---	Bq/L	---	---	---	---	---	---	---
Glifosato	0	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Centro de Estágios*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	117	117	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	7,4	7,4	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	15,2	15,2	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,23	0,23	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Nitratos	50	mg/l NO3	4,9	4,9	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	<10,0	<10,0	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,0100	<0,0100	0	100%	1	1	100%
Clorofórmio	300	µg/l	8,89	8,89	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	18,9	18,9	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	4,17	4,17	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	3,84	3,84	0	100%	1	1	100%
Bromofórmio	100	µg/l	2,00	2,00	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	1	1	100%
Radão	500	Bq/L	45,2	45,2	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	<5,0	<5,0	0	100%	1	1	100%
Alumínio	200	µg/l Al	145	145	0	100%	1	1	100%
Manganês	50	µg/l Mn	25,6	25,6	0	100%	1	1	100%
Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	100	mg/l Ca	12,2	12,2	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<0,5	<0,5	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	2,25E-3	2,25E-3	0	100%	1	1	100%
Crómio	50	µg/l Cr	0,65	0,65	0	100%	1	1	100%
Magnésio	---	mg/l Mg	2,2	2,2	0	100%	1	1	100%
Níquel	20	µg/l Ni	<0,5	<0,5	0	100%	1	1	100%
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	6,5	6,5	0	100%	1	1	100%
Antimónio	10	µg/l Sb	<0,5	<0,5	0	100%	1	1	100%
Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
alfa-Total - ALS (W-GAA-SCI)	0,1	Bq/l	0,05	0,05	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dureza Total	150-500	mg/l CaCO3	39,5	39,5	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Chaviães*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	239	239	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	8,2	8,2	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	12,4	12,4	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,27	0,5	0	100%	2	2	100%
Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Nitratos	50	mg/l NO3	2,9	2,9	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	12,2	12,2	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,0100	<0,0100	0	100%	1	1	100%
Clorofórmio	300	µg/l	36,0	36,0	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	54,8	54,8	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	13,3	13,3	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	5,09	5,09	0	100%	1	1	100%
Bromofórmio	100	µg/l	0,42	0,42	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	2	2	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	2	2	100%
Radão	500	Bq/L	<10,0	<10,0	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	37,9	37,9	0	100%	1	1	100%
Alumínio	200	µg/l Al	115	115	0	100%	1	1	100%
Manganês	50	µg/l Mn	<5,0	<5,0	0	100%	1	1	100%
Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	100	mg/l Ca	17,1	17,1	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<0,5	<0,5	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	5,33e-4	5,33e-4	0	100%	1	1	100%
Crómio	50	µg/l Cr	<0,5	<0,5	0	100%	1	1	100%
Magnésio	---	mg/l Mg	2,7	2,7	0	100%	1	1	100%
Níquel	20	µg/l Ni	<0,5	<0,5	0	100%	1	1	100%
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	8,4	8,4	0	100%	1	1	100%
Antimónio	10	µg/l Sb	<0,50	<0,50	0	100%	1	1	100%
Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
alfa-Total - ALS (W-GAA-SCI)	0,1	Bq/l	<0,04	<0,04	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dureza Total	150-500	mg/l CaCO3	53,8	53,8	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Cousso Cela*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	170	170	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	8,6	8,6	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	11,4	11,4	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,25	0,33	0	100%	2	2	100%
Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Nitratos	50	mg/l NO3	7,4	7,4	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	<10,0	<10,0	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,0100	<0,0100	0	100%	1	1	100%
Clorofórmio	300	µg/l	0,34	0,34	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	<0.20	<0.20	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	0,40	0,40	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	0,98	0,98	0	100%	1	1	100%
Bromofórmio	100	µg/l	0,93	0,93	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	1	1	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	2	2	100%
Radão	500	Bq/L	26,6	26,6	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	<5,0	<5,0	0	100%	1	1	100%
Alumínio	200	µg/l Al	24,0	24,0	0	100%	1	1	100%
Manganês	50	µg/l Mn	8,2	8,2	0	100%	1	1	100%
Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	100	mg/l Ca	<2,5	<2,5	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<0,5	<0,5	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	1,07e-2	1,07e-2	0	100%	1	1	100%
Crómio	50	µg/l Cr	<0,5	<0,5	0	100%	1	1	100%
Magnésio	---	mg/l Mg	9,80e-1	9,80e-1	0	100%	1	1	100%
Níquel	20	µg/l Ni	0,99	0,99	0	100%	1	1	100%
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	7,9	7,9	0	100%	1	1	100%
Antimónio	10	µg/l Sb	<0,50	<0,50	0	100%	1	1	100%
Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
alfa-Total - ALS (W-GAA-SCI)	0,1	Bq/l	<0,04	<0,04	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dureza Total	150-500	mg/l CaCO3	4,0	4,0	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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melgaço município	**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO**	**3º TRIMESTRE**
	ZONA DE ABASTECIMENTO: ***Cousso Cousso***	**2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,29	0,29	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO

3º TRIMESTRE

ZONA DE ABASTECIMENTO: ***Cousso Virtelo***

2025

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	118	118	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	7,6	7,6	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	33,3	33,3	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,23	0,23	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Nitratos	50	mg/l NO3	7,7	7,7	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	<10,0	<10,0	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,0100	<0,0100	0	100%	1	1	100%
Clorofórmio	300	µg/l	2,19	2,19	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	4,87	4,87	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	1,08	1,08	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	1,07	1,07	0	100%	1	1	100%
Bromofórmio	100	µg/l	0,53	0,53	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	1	1	100%
Radão	500	Bq/L	23,8	23,8	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	<5,0	<5,0	0	100%	1	1	100%
Alumínio	200	µg/l Al	51,8	51,8	0	100%	1	1	100%
Manganês	50	µg/l Mn	<5,0	<5,0	0	100%	1	1	100%
Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	100	mg/l Ca	3,7	3,7	0	100%	1	1	100%
Chumbo	10	µg/l Pb	0,51	0,51	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	1,16E-2	1,16E-2	0	100%	1	1	100%
Crómio	50	µg/l Cr	<0,5	<0,5	0	100%	1	1	100%
Magnésio	---	mg/l Mg	1,6	1,6	0	100%	1	1	100%
Níquel	20	µg/l Ni	1,59	1,59	0	100%	1	1	100%
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	7,8	7,8	0	100%	1	1	100%
Antimónio	10	µg/l Sb	<0,5	<0,5	0	100%	1	1	100%
Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
Rádio-226	---	Bq/l	< 0,02	< 0,02	0	100%	1	1	100%
Polónio-210	---	Bq/l	< 0,01	< 0,01	0	100%	1	1	100%
Urânio-238	---	Bq/l	< 0,01	< 0,01	0	100%	1	1	100%
Urânio-234	---	Bq/l	< 0,01	< 0,01	0	100%	1	1	100%
Dose indicativa total (cálculo)	0,10	mSv/a	<0,10	<0,10	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dureza Total	150-500	mg/l CaCO3	15,8	15,8	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Cristóval*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Determinação de Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Determinação de Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Determinação do Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Determinação da Condutividade Eléctrica	650-850	µS/cm	161	161	0	100%	1	1	100%
Determinação de Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Determinação de Oxidabilidade	5,0	mg/l O2	1,3	1,3	0	100%	1	1	100%
Determinação do pH	6,8-7,2	Escala Sorensen	8,7	8,7	0	100%	1	1	100%
Determinação do Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Determinação de Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Determinação de Cloretos	250	mg/l Cl	<10,0	<10,0	0	100%	1	1	100%
Determinação de Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,32	0,38	0	100%	3	3	100%
Determinação de Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Determinação de Nitratos	50	mg/l NO3	<1,0	<1,0	0	100%	1	1	100%
Determinação de Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Determinação de Sulfatos	250	mg/l SO4	<10,0	<10,0	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,0100	<0,0100	0	100%	1	1	100%
Clorofórmio	300	µg/l	0,76	0,76	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	2,60	2,60	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	0,73	0,73	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	0,80	0,80	0	100%	1	1	100%
Bromofórmio	100	µg/l	0,31	0,31	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	4	4	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,06	<0,06	0	100%	1	1	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	>1,0e+02	1	0%	3	3	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	3	3	100%
Radão	500	Bq/L	24,9	24,9	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,060	<0,060	0	100%	1	1	100%
Determinação de Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Determinação de Ferro	200	µg/l Fe	<5,0	<5,0	0	100%	1	1	100%
Determinação de Alumínio	200	µg/l Al	25,5	25,5	0	100%	1	1	100%
Determinação de Manganês	50	µg/l Mn	<5,0	<5,0	0	100%	1	1	100%
Determinação de Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Determinação de Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Determinação de Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Determinação de Cálcio	100	mg/l Ca	<2,5	<2,5	0	100%	1	1	100%
Determinação de Chumbo	10	µg/l Pb	2,3	2,3	0	100%	1	1	100%
Determinação de Cobre	2,0	mg/l Cu	0,111	0,111	0	100%	1	1	100%
Determinação de Crómio	50	µg/l Cr	<0,5	<0,5	0	100%	1	1	100%
Determinação de Magnésio	---	mg/l Mg	<0,25	<0,25	0	100%	1	1	100%
Determinação de Níquel	20	µg/l Ni	<0,5	<0,5	0	100%	1	1	100%
Determinação de Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Determinação de Sódio	200	mg/l Na	5,9	5,9	0	100%	1	1	100%
Determinação de Antimónio	10	µg/l Sb	<0,50	<0,50	0	100%	1	1	100%
Determinação de Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
alfa-Total - ALS (W-GAA-SCI)	0,1	Bq/l	<0,04	<0,04	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Determinação de Dureza Total	150-500	mg/l CaCO3	1,50	1,50	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

Incumprimento no valor de bacterias coliformes:

Causas: Falha do equipamento no processo de tratamento **Medidas Corretivas:** Reparação/Substituição de equipamentos no processo de tratamento

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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#RE melgaço município	**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO**	**3º TRIMESTRE**
	ZONA DE ABASTECIMENTO: ***Cubalhão***	**2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	122	122	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	8,3	8,3	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	14,4	14,4	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,4	0,4	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Nitratos	50	mg/l NO3	3,4	3,4	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	<10,0	<10,0	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,01	<0,01	0	100%	1	1	100%
Clorofórmio	300	µg/l	15,3	15,3	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	27,2	27,2	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	6,95	6,95	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	4,35	4,35	0	100%	1	1	100%
Bromofórmio	100	µg/l	0,55	0,55	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	46	46	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	1	1	100%
Radão	500	Bq/L	<10,0	<10,0	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	<5,0	<5,0	0	100%	1	1	100%
Alumínio	200	µg/l Al	115	115	0	100%	1	1	100%
Manganês	50	µg/l Mn	<5,0	<5,0	0	100%	1	1	100%
Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	100	mg/l Ca	15,5	15,5	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<0,5	<0,5	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	6,71E-4	6,71E-4	0	100%	1	1	100%
Crómio	50	µg/l Cr	0,65	0,65	0	100%	1	1	100%
Magnésio	---	mg/l Mg	2,4	2,4	0	100%	1	1	100%
Níquel	20	µg/l Ni	<0,5	<0,5	0	100%	1	1	100%
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	6,3	6,3	0	100%	1	1	100%
Antimónio	10	µg/l Sb	<0,5	<0,5	0	100%	1	1	100%
Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
alfa-Total - ALS (W-GAA-SCI)	0,1	Bq/l	<0,04	<0,04	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dureza Total	150-500	mg/l CaCO3	48,6	48,6	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Fiães*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	2	2	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Desinfectante residual	---	mg/l Cl2	0,21	0,4	0	100%	2	2	100%
Cheiro a 25 ºC	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25 ºC	3	Factor de diluição	<1	<1	0	100%	1	1	100%
pH	6,5 - 9,5	Escala Sorensen	8,6	8,6	0	100%	1	1	100%
Condutividade	2500	µS/cm	180	180	0	100%	1	1	100%
Cor	20	mg/l escala Pt-Co	3,2	3,2	0	100%	1	1	100%
Turvação	4	NTU	<1	<1	0	100%	1	1	100%
Enterococos	0	ufc/100ml	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Número de colónias a 37 ºC	---	ufc/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	ufc/100ml	---	---	---	---	---	---	---
Alumínio	200	µg/l Al	26,7	26,7	0	100%	1	1	100%
Amónio	0,50	mg/l NH4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l CaCO3	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,5	mg/l NO2	---	---	---	---	---	---	---
Mercúrio	1	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Pesticidas - total	---	---	<0,030	<0,030	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/L	---	---	---	---	---	---	---
Alfa Total	0,1	Bq/l	---	---	---	---	---	---	---
Potássio total	---	mg/l	---	---	---	---	---	---	---
Glifosato	0	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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melgaço município	**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO**	**3º TRIMESTRE**
	ZONA DE ABASTECIMENTO: ***Lamas do Mouro***	**2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	163	163	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	3,4	3,4	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	8,4	8,4	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,20	0,21	0	100%	2	2	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	2	2	100%
Radão	500	Bq/L	12,0	12,0	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Alumínio	200	µg/l Al	22,2	22,2	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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melgaço município	**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO**	**3º TRIMESTRE**
	ZONA DE ABASTECIMENTO: ***Paços***	**2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	111	111	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	7,5	7,5	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,30	0,37	0	100%	2	2	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	2	2	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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melgaço município	**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO**	**3º TRIMESTRE**
	ZONA DE ABASTECIMENTO: ***Parada do Monte***	**2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,28	0,28	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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melgaço município

DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Penso*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	3	3	100%
Desinfectante residual	---	mg/l Cl2	0,27	0,5	0	100%	3	3	100%
Cheiro a 25 ºC	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25 ºC	3	Factor de diluição	<1	<1	0	100%	1	1	100%
pH	6,5 - 9,5	Escala Sorensen	8,3	8,3	0	100%	1	1	100%
Condutividade	2500	µS/cm	122	122	0	100%	1	1	100%
Cor	20	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Enterococos	0	ufc/100ml	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC	---	ufc/ml	90	90	0	100%	1	1	100%
Número de colónias a 37 ºC	---	ufc/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	ufc/100ml	---	---	---	---	---	---	---
Alumínio	200	µg/l Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l CaCO3	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,5	mg/l NO2	---	---	---	---	---	---	---
Mercúrio	1	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Pesticidas - total	---	---	<0,03	<0,03	0	100%	1	1	100%
Dimetenamida-P	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/L	---	---	---	---	---	---	---
Alfa Total	0,1	Bq/l	---	---	---	---	---	---	---
Beta Total	0	Bq/l	---	---	---	---	---	---	---
Glifosato	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Pomares*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	1	1	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l Cl2	0,29	0,3	0	100%	1	1	100%
Cheiro a 25 ºC	3	Factor de diluição	---	---	---	---	---	---	---
Sabor a 25 ºC	3	Factor de diluição	---	---	---	---	---	---	---
pH	6,5 - 9,5	Escala Sorensen	---	---	---	---	---	---	---
Condutividade	2500	µS/cm	---	---	---	---	---	---	---
Cor	20	mg/l escala Pt-Co	---	---	---	---	---	---	---
Turvação	4	NTU	---	---	---	---	---	---	---
Enterococos	0	ufc/100ml	---	---	---	---	---	---	---
Número de colónias a 22 ºC	---	ufc/ml	---	---	---	---	---	---	---
Número de colónias a 37 ºC	---	ufc/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	ufc/100ml	---	---	---	---	---	---	---
Alumínio	200	µg/l Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l CaCO3	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,5	mg/l NO2	---	---	---	---	---	---	---
Mercúrio	1	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Pesticidas - total	---	---	---	---	---	---	---	---	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	---	---	---
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/L	---	---	---	---	---	---	---
Alfa Total	0,1	Bq/l	---	---	---	---	---	---	---
Beta Total	0,1	Bq/l	---	---	---	---	---	---	---

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Prado Carvalhal*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	151	151	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	8,5	8,5	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	12,5	12,5	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,21	0,23	0	100%	2	2	100%
Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Nitratos	50	mg/l NO3	2,9	2,9	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	<10,0	<10,0	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,0100	<0,0100	0	100%	1	1	100%
Clorofórmio	300	µg/l	18,8	18,8	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	2	2	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	30,9	30,9	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	5,42	5,42	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	5,99	5,99	0	100%	1	1	100%
Bromofórmio	100	µg/l	0,65	0,65	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	2	2	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	2	2	100%
Radão	500	Bq/L	<10,0	<10,0	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	<5,0	<5,0	0	100%	1	1	100%
Alumínio	200	µg/l Al	135	135	0	100%	1	1	100%
Manganês	50	µg/l Mn	<5,0	<5,0	0	100%	1	1	100%
Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	100	mg/l Ca	13,5	13,5	0	100%	1	1	100%
Chumbo	10	µg/l Pb	8,58e-1	8,58e-1	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	5,08e-3	5,08e-3	0	100%	1	1	100%
Crómio	50	µg/l Cr	<0,5	<0,5	0	100%	1	1	100%
Magnésio	---	mg/l Mg	1,8	1,8	0	100%	1	1	100%
Níquel	20	µg/l Ni	6,24e-1	6,24e-1	0	100%	1	1	100%
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	6,1	6,1	0	100%	1	1	100%
Antimónio	10	µg/l Sb	<0,50	<0,50	0	100%	1	1	100%
Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
alfa-Total - ALS (W-GAA-SCI)	0,1	Bq/l	<0,04	<0,04	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dureza Total	150-500	mg/l CaCO3	41,2	41,2	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Prado Cortinhas*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Azoto Amoniacal	0,50	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%
Bromatos	10	µg/l BrO3	<3,0	<3,0	0	100%	1	1	100%
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	156	156	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,0	<1,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	8,6	8,6	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloretos	250	mg/l Cl	12,6	12,6	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,33	0,4	0	100%	2	2	100%
Fluoretos	1,5	mg/l F	<0,20	<0,20	0	100%	1	1	100%
Nitratos	50	mg/l NO3	3,2	3,2	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,10	<0,10	0	100%	1	1	100%
Sulfatos	250	mg/l SO4	<10,0	<10,0	0	100%	1	1	100%
PAH´s	0,10	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,0030	<0,0030	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(g,h,i)perileno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200	<0,0200	0	100%	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,0100	<0,0100	0	100%	1	1	100%
Clorofórmio	300	µg/l	21,6	21,6	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	<0,20	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Boro	1,5	mg/l B	<0,010	<0,010	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	<0,750	<0,750	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	<0,20	<0,20	0	100%	1	1	100%
Tricloroeteno	---	µg/l	<0,10	<0,10	0	100%	1	1	100%
Tetra e Tricloroeteno	10	µg/l	<0,20	<0,20	0	100%	1	1	100%
THM´s	80	µg/l	38,0	38,0	0	100%	1	1	100%
Bromodiclorometano	60	µg/l	9,38	9,38	0	100%	1	1	100%
Dibromoclorometano	100	µg/l	6,37	6,37	0	100%	1	1	100%
Bromofórmio	100	µg/l	0,64	0,64	0	100%	1	1	100%
Pes. e quantif. de Clostridium perfringens	0	ufc/100ml	0	0	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	2	2	100%
Bentazona	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	2	2	100%
Radão	500	Bq/L	<10,0	<10,0	0	100%	1	1	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Arsénio	10	µg/l As	<5,0	<5,0	0	100%	1	1	100%
Ferro	200	µg/l Fe	<5,0	<5,0	0	100%	1	1	100%
Alumínio	200	µg/l Al	137	137	0	100%	1	1	100%
Manganês	50	µg/l Mn	<5,0	<5,0	0	100%	1	1	100%
Cloratos	0,7	mg/l	<0,08	<0,08	0	100%	1	1	100%
Cloritos	0,7	mg/l	<0,02	<0,02	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,5	<0,5	0	100%	1	1	100%
Cálcio	100	mg/l Ca	13,4	13,4	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<0,5	<0,5	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	1,39e-3	1,39e-3	0	100%	1	1	100%
Crómio	50	µg/l Cr	<0,5	<0,5	0	100%	1	1	100%
Magnésio	---	mg/l Mg	1,8	1,8	0	100%	1	1	100%
Níquel	20	µg/l Ni	1,3	1,3	0	100%	1	1	100%
Selénio	20	µg/l Se	<0,5	<0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	6,1	6,1	0	100%	1	1	100%
Antimónio	10	µg/l Sb	<0,50	<0,50	0	100%	1	1	100%
Potássio	---	mg/l K	<2,5	<2,5	0	100%	1	1	100%
alfa-Total - ALS (W-GAA-SCI)	0,1	Bq/l	<0,04	<0,04	0	100%	1	1	100%
Cianetos	50	µg/l CN	<10	<10	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Dureza Total	150-500	mg/l CaCO3	40,9	40,9	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Roussas*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	1	3	3	1
Bactérias coliformes	0	ufc/100ml	0	0	0	1	3	3	1
Desinfectante residual	---	mg/l Cl2	0,30	0,38	0	1	3	3	1
Cheiro a 25 ºC	3	Factor de diluição	<1	<1	0	1	1	1	1
Sabor a 25 ºC	3	Factor de diluição	<1	<1	0	1	1	1	1
pH	6,5 - 9,5	Escala Sorensen	8,5	8,5	0	1	1	1	1
Condutividade	2500	µS/cm	124	124	0	1	1	1	1
Cor	20	mg/l escala Pt-Co	<3,0	<3,0	0	1	1	1	1
Turvação	4	NTU	<1,0	<1,0	0	1	1	1	1
Enterococos	0	ufc/100ml	0	0	0	1	1	1	1
Número de colónias a 22 ºC	---	ufc/ml	0	0	0	1	1	1	1
Número de colónias a 37 ºC	---	ufc/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH_4	---	---	---	---	---	---	---
Antimónio	10,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,5	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO_3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO_2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO_3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l $CaCO_3$	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO_3	---	---	---	---	---	---	---
Nitritos	5,0	mg/l NO_2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O_2	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/l	<0,03	<0,03	0	1	1	1	1
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	1	1	1	1
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	1	1	1	1
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	1	1	1	1
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO_4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
Alfa Total	1	Bq/l	---	---	---	---	---	---	---
Beta Total	0	Bq/l	---	---	---	---	---	---	---
Glifosato	0	µg/l	<0,030	<0,030	0	1	1	1	1
Metabolito M656PH051	0	µg/l	<0,030	<0,030	0	1	1	1	1
Glifosato AMPA	0	µg/l	<0,030	<0,030	0	1	1	1	1

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Saínde*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	2	2	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Desinfectante residual	---	mg/l Cl2	0,29	0,3	0	100%	2	2	100%
Cheiro a 25 ºC	3	Factor de diluição	---	---	---	---	---	---	---
Sabor a 25 ºC	3	Factor de diluição	---	---	---	---	---	---	---
pH	6,5 - 9,5	Escala Sorensen	---	---	---	---	---	---	---
Condutividade	2500	µS/cm	---	---	---	---	---	---	---
Cor	20	mg/l escala Pt-Co	---	---	---	---	---	---	---
Turvação	4	NTU	---	---	---	---	---	---	---
Enterococos	0	ufc/100ml	---	---	---	---	---	---	---
Número de colónias a 22 ºC	---	ufc/ml	---	---	---	---	---	---	---
Número de colónias a 37 ºC	---	ufc/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/l Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH_4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO_3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO_2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO_3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l $CaCO_3$	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO_3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO_2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O_2	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	---
Alacloro	0,10	µg/l	---	---	---	---	---	---	---
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO_4	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno:	10	µg/l	---	---	---	---	---	---	---
Tetracloroeteno	---	µg/l	---	---	---	---	---	---	---
Tricloroeteno	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
Alfa Total	1	Bq/l	---	---	---	---	---	---	---
Beta Total	0	Bq/l	---	---	---	---	---	---	---

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues MANUEL JOSE CARDOSO RODRIGUES

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO

3º TRIMESTRE

ZONA DE ABASTECIMENTO: ***São Paio***

2025

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	123	123	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	8,5	8,5	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,27	0,4	0	100%	3	3	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	3	3	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	3	3	100%

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DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO | **3º TRIMESTRE**

ZONA DE ABASTECIMENTO: ***Sra. do Alivio-Gave*** | **2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Cheiro	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Condutividade Eléctrica	650-850	µS/cm	96,8	96,8	0	100%	1	1	100%
Cor	0	mg/l escala Pt-Co	<3,0	<3,0	0	100%	1	1	100%
pH	6,8-7,2	Escala Sorensen	7,1	7,1	0	100%	1	1	100%
Sabor	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	<1,0	<1,0	0	100%	1	1	100%
Cloro residual livre	0,2 - 0,6	mg/l Cl2	0,21	0,23	0	100%	2	2	100%
Terbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Enum.microrg. viáveis-n.ºde colónias(22±2)ºC	---	ufc/ml	0	0	0	100%	1	1	100%
Pes. e quantif. de Enterococos intestinais	0	ufc/100ml	0	0	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Pesticidas Totais	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%
Pes. e quantif. de Bactérias Coliformes	0	ufc/100ml	0	0	0	100%	2	2	100%
Pes. e quantif de Escherichia coli	0	ufc/100ml	0	0	0	100%	2	2	100%
Glifosato	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Alumínio	200	µg/l Al	29,3	29,3	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Metabolito M656PH051	0,10	µg/l	<0,030	<0,030	0	100%	1	1	100%
Glifosato AMPA	0,1	µg/l	<0,030	<0,030	0	100%	1	1	100%

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues

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melgaço município	**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MELGAÇO**	**3º TRIMESTRE**
	ZONA DE ABASTECIMENTO: ***Vila de Melgaço***	**2025**

Em conformidade com o Decreto-Lei n.º 69/2023, 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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	ufc/100ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	ufc/100ml	0	0	0	100%	3	3	100%
Desinfectante residual	---	mg/l Cl2	0,4	0,5	0	100%	3	3	100%
Cheiro a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	8,4	8,4	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 ºC	128	128	0	100%	1	1	100%
Cor	20	mg/l PtCo	<3,0	<3,0	0	100%	1	1	100%
Turvação	4	UNT	<1	<1	0	100%	1	1	100%
Enterococos	0	N/100 ml	10	10	1	0%	1	1	100%
Número de colónias a 22 ºC	---	N/ml	0	0	0	100%	1	1	100%
Número de colónias a 37 ºC	---	N/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100 ml	0	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	404	404	1	0%	1	1	100%

Incumprimento no valor de Enterococos e Clostridium perfringens

Causas: Falta de manutenção/limpeza na rede de adução/distribuição/reservatório **Medidas Corretivas:** Manutenção/limpeza/higienização na rede de distribuição/reservatório

O Vereador de Obras Públicas, Serviços Urbanos e Ambiente, Desporto e Freguesias: Manuel José Cardoso Rodrigues MANUEL JOSE CARDOSO RODRIGUES Assinado de forma digital por MANUEL JOSE CARDOSO RODRIGUES Dados: 2026.01.02 17:15:20 Z

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