



3.º TRIMESTRE DE 2023

PONTOS DE COLHEITA - FUROS DE CAPTAÇÃO

PCO		ZONA A - ALCOCHETE			ZONA B - SAMOUÇO		ZONA C - F ¹ E Sr.ª / PASSIL	VP
		CA1	CA2	CA3	CB1	CB2	CC1	
Controlo de Segurança: CS	Unidades	30/ago	30/ago	30/ago	13/set	13/set	27/set	
<i>Escherichia coli</i> (E. coli)	N/100ml	0	0	0	0	0	0	0
Bactérias coliformes	N/100ml	0	0	0	3	0	62	0
pH	Unidades de pH	6,3	7,0	7,4	7,5	7,5	7,7	>=6,5 e <=9,5
Cor	mg/l PtCo	<5	<5	<5	<5	<5	<5	20
Condutividade	µS/cm a 20°C	405	555	674	403	937	357	2500
Nitratos	mg/l NO ₃	22,9	28,7	12,6	<2,00	<2,00	<2,00	50
Nitritos	mg/l NO ₂	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	0,50
Cloretos	mg/l Cl	74,3	92	105	29,8	183	34,6	250
Fosfatos	mg/l PO ₄	<0,16	<0,16	0,16	<0,16	<0,16	<0,16	-
Azoto Total	mg/l NH ₄	6	7	3,39	<1,00	<1,00	<1,00	-
Dureza total	mg/l CaCO ₃	63,2	126	145	136	295	91	-
Ferro	µg/l Fe	<0,05	<0,05	<0,5	<0,05	<0,05	<0,05	0,20
Manganês	mg/l Mn	<0,010	<0,010	<0,010	≤0,010	0,012	<0,010	0,050
Sulfatos	mg/l SO ₄	17,5	25,3	35,8	8,7	29,9	17,5	250
Hidrocarbonetos aromáticos policíclicos	µg/l	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	0,10
Hidrocarbonetos dissolvidos ou emulsionados	mg/l	<0,050	<0,050	<0,050	<0,050	<0,050	<0,050	0,05
Cálcio	mg/l Ca	10,7	27,1	37,1	45,3	87	29,0	-
Alcalinidade	mg/l CaCO ₃	37,0	92,7	109,7	159,6	161,6	114,5	-
Oxidabilidade	mg/l O ₂	<1,0	<1,0	1,27	<1,0	<1,0	<1,0	5
Cheiro a 25°C	Fator de diluição	<3	<3	<3	<3	<3	<3	3
Turvação	UNT	<0,7	<0,7	<0,7	<0,7	<0,7	<0,7	4
Carbono orgânico total	mg/l C	<3,00	<3,00	<3,00	<3,00	<3,00	<3,00	-
Fósforo total	mg/l P	<0,07	<0,07	0,08	<0,07	<0,07	<0,07	-
Temperatura	°C	21,9	21,9	23,9	20,8	21	23,5	-
Sódio	mg/l Na	58,0	70,2	81,1	23,2	69,2	43,9	200
Alfa total	Bq/l	<0,04	<0,04	<0,04	<0,04	<0,04	<0,04	0,10
Radão	Bq/l	-	-	-	-	-	-	500
Beta total	Bq/l	-	-	-	-	-	-	1
Dose indicativa total	mSv/ano	<0,1	<0,1	<0,1	<0,1	<0,1	<0,1	0,1
Urânio 238	Bq/l	-	-	-	-	-	-	-
Polónio 210	Bq/l	-	-	-	-	-	-	-
Rádio 226	Bq/l	0,00	0,00	0,00	<0,04	<0,04	<0,04	0,50
Urânio 234	Bq/l	-	-	-	-	-	-	-
Benzo(b)fluoranteno	µg/l	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,10
Benzo(k)fluoranteno	µg/l	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,10
Benzo(a)pireno	µg/l	<0,020	<0,020	<0,020	<0,020	<0,020	<0,020	0,010
Benzo(g,h,i)perileno	µg/l	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,10
Indeno(1,2,3-cd)pireno	µg/l	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	0,10

ZONA A

CA1: JK3 - Batel

CA2: PS5 - Batel

CA3: FR1 - Batel

ZONA B

CB1: FR2 - Samouço

CB2: CBR2 - Samouço

ZONA C

CC1: CR1 - Fonte da Senhora

Legenda:

VP – Valor Paramétrico, de acordo com a legislação em vigor

PCO – Programa de Controlo Operacional

CS – Controlo de Segurança



MAPA DE RESULTADOS DA VERIFICAÇÃO DA
QUALIDADE DA ÁGUA PARA CONSUMO HUMANO

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3.º TRIMESTRE DE 2023

PONTOS DE COLHEITA - RESERVATÓRIOS

PCO		ZONA A - ALCOCHETE												ZONA B - SAMOUÇO				ZONA C - F ¹ E DA SENHORA / PASSIL				VP
		RA1 - Batel Apoiado Dt.				RA2 - Batel Apoiado Esq.				RA3 - Batel Elevado				RB1 - Elevado do Samouço				RC1 - Fonte da Senhora				
		N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	
Prev.	Efet.	Prev.	Efet.			Prev.	Efet.			Prev.	Efet.			Prev.	Efet.			Prev.	Efet.			
CO1	Unidades	7	7	0	0	7	7	0	0	7	7	0	0	7	7	0	0	7	7	0	0	0
Escherichia coli (E. coli)	N/100ml	7	7	0	0	7	7	0	0	7	7	0	0	7	7	0	0	7	7	0	0	0
Bactérias coliformes	N/100ml	7	7	0,2	0,8	7	7	0,2	0,4	7	7	0,3	0,5	7	7	0,3	0,4	7	7	0,2	0,5	0,2 - 0,6
Desinfetante residual	mg/l	7	7	10	31	7	7	ND	20	7	7	ND	ND	7	7	ND	120	7	7	ND	53	-
N.º de colónias a 22°C	N/ml	7	7	10	26	7	7	ND	13	7	7	ND	ND	7	7	ND	80	7	7	ND	40	-
N.º de colónias a 36°C	N/ml	7	7	21,8	24,2	7	7	22,2	24,4	7	7	21,7	25,4	7	7	22,9	25,3	7	7	23,3	24,3	-
Temperatura	°C	7	7	6,1	7,6	7	7	6,2	7,4	7	7	6,7	7,8	7	7	7,2	8,2	7	7	7,6	8,5	>=6,5 e <=8,5
pH	Unidades de pH	7	7	<3	<3	7	7	<3	<3	7	7	<3	<3	7	7	<3	<3	7	7	<3	<3	3
Cheiro a 25°C	Fator de diluição	7	7	<3	<3	7	7	<3	<3	7	7	<3	<3	7	7	<3	<3	7	7	<3	<3	3
Sabor a 25°C	Fator de diluição	7	7	372	632	7	7	611	724	7	7	573	632	7	7	685	813	7	7	317	344	2500
Condutividade	µS/cm a 20°C	7	7	≤0,50	1,05	7	7	≤0,50	1,80	7	7	<0,50	1,23	7	7	<0,50	1,14	7	7	<0,50	<0,50	5
Oxidabilidade	mg/l O ₂																					

Legenda:

VP – Valor Paramétrico, de acordo com a legislação em vigor

PCO – Programa de Controlo Operacional

CO1 – Controlo Operacional 1

3.º TRIMESTRE DE 2023

(Assinatura)

PONTOS DE COLHEITA - REDE DE DISTRIBUIÇÃO

PCQA		ZONA A - ALCOCHETE				ZONA B - SAMOUÇO				ZONA C - FONTE DA SENHORA / PASSIL				VP
CR1	Unidades	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	
		Prev.	Efet.			Prev.	Efet.			Prev.	Efet.			
Escherichia coli (E. coli)	N/100ml	10	10	0	0	3	3	0	0	4	4	0	0	0
Bactérias coliformes	N/100ml	10	10	0	0	3	3	0	0	4	4	0	0	0
Desinfetante residual	mg/l	10	10	0,2	0,5	3	3	0,3	0,4	4	4	0,2	0,5	0,2 - 0,6
PCO		ZONA A - ALCOCHETE				ZONA B - SAMOUÇO				ZONA C - FONTE DA SENHORA / PASSIL				VP
CO'1	Unidades	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	
		Prev.	Efet.			Prev.	Efet.			Prev.	Efet.			
N.º de colónias a 22º C	N/ml	5	5	10	120	2	2	ND	ND	3	3	ND	38	-
N.º de colónias a 36º C	N/ml	5	5	10	100	2	2	ND	ND	3	3	ND	10	-
Temperatura	ºC	5	5	24,9	27,6	2	2	18,1	26,3	3	3	22,1	27,9	-
pH	Unidades de pH	5	5	6,9	7,4	2	2	7,1	8	3	3	7,7	8,7	>=6,5 e <=9,5
Cheiro a 25ºC	Fator de diluição	5	5	<3	<3	2	2	<3	<3	3	3	<3	<3	3
Sabor a 25ºC	Fator de diluição	5	5	<3	<3	2	2	<3	<3	3	3	<3	<3	3
Condutividade	µS/cm a 20ºC	5	5	607	628	2	2	761	809	3	3	334	338	2500
Oxidabilidade	mg/l O ₂	5	5	≤1,0	<1,0	2	2	<1,0	<1,0	3	3	<1,0	<1,0	5

Legenda:

VP – Valor Paramétrico, de acordo com a legislação em vigor

PCQA – Programa de Controlo da Qualidade da Água

PCO – Programa de Controlo Operacional

CR1 – Controlo de Rotina 1

CO'1 – Controlo Operacional 1



3.º TRIMESTRE DE 2023

PONTOS DE COLHEITA - REDE DE DISTRIBUIÇÃO

PCQA		ZONA A - ALCOCHETE				ZONA B - SAMOUÇO				ZONA C - FONTE DA SENHORA / PASSIL				VP
		N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	
CR2	Unidades	Prev.	Efet.			Prev.	Efet.			Prev.	Efet.			
Escherichia coli (E. coli)	N/100ml	5	5	0	0	1	1	0	0	1	1	0	0	0
Bactérias coliformes	N/100ml	5	5	0	0	1	1	0	0	1	1	0	0	0
Desinfetante residual	mg/l	5	5	0,2	0,5	1	1	0,3	0,3	1	1	0,2	0,2	0,2 - 0,6
Número de colónias a 22°C	N/ml	5	5	19	80	1	1	ND	ND	1	1	ND	ND	-
Número de colónias a 36°C	N/ml	5	5	15	37	1	1	ND	ND	1	1	ND	ND	-
Condutividade	µS/cm a 20°C	5	5	581	616	1	1	831	831	1	1	330	330	2500
Cor	mg/l PtCo	5	5	<5	<5	1	1	<5	<5	1	1	<5	<5	20
pH	Unidades de pH	5	5	6,2	7,5	1	1	7,7	7,7	1	1	8,0	8,0	>=8,5 e <9,5
Cheiro a 25°C	Fator de diluição	5	5	<3	<3	1	1	<3	<3	1	1	<3	<3	3
Sabor a 25°C	Fator de diluição	5	5	<3	<3	1	1	<3	<3	1	1	<3	<3	3
Turvação	UNT	5	5	<0,7	0,8	1	1	1,1	1,1	1	1	<0,7	<0,7	4
Enterococos	N/100ml	5	5	0	0	1	1	0	0	1	1	0	0	0
Cloretos (Zona C)	mg/l Cl	-	-	-	-	-	-	-	-	-	-	-	-	250
Sódio (Zona C)	mg/l Na	-	-	-	-	-	-	-	-	-	-	-	-	200
Manganés (Zona C)	µg/l Mn	-	-	-	-	-	-	-	-	1	0	-	-	50

PCO		ZONA A - ALCOCHETE				ZONA B - SAMOUÇO				ZONA C - FONTE DA SENHORA / PASSIL				VP
		N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	N.º Colheitas		Vmin.	Vmáx.	
CO'2	Unidades	Prev.	Efet.			Prev.	Efet.			Prev.	Efet.			
Ferro	µg/l Fe	5	5	<50	102	1	1	187	187	1	1	<50	<50	200
Temperatura	°C	5	5	23,6	26,2	1	1	24,8	24,8	1	1	24,3	24,3	-
Clostrídios sulfito-redutores	N/100 ml	5	5	0	0	1	1	0	0	1	1	0	0	0
Nitritos	mg/l NO ₂	5	5	<0,02	<0,02	1	1	<0,02	<0,02	1	1	<0,02	<0,02	0,50
Azoto amoniacal (Amónio)	mg/l NH ₄	5	5	<0,05	<0,05	1	1	<0,05	<0,05	1	1	<0,05	<0,05	0,50
Manganés	µg/l Mn	5	5	<10	11,1	1	1	<10,0	<10,0	1	1	19,7	19,7	50
Nitratos	mg/l NO ₃	5	5	15,0	18,8	1	1	<2,00	<2,00	1	1	<2,00	<2,00	50
Oxidabilidade	mg/l O ₂	5	5	<1,0	<1,0	1	1	<1,0	<1,0	1	1	<1,0	<1,0	5

Legenda:

VP – Valor Paramétrico, de acordo com a legislação em vigor

PCQA – Programa de Controlo da Qualidade da Água

PCO – Programa de Controlo Operacional

CR2 – Controlo de Rotina 2

CO'2 – Controlo Operacional 2

NOTA: a pesquisa de 'manganês' prevista para 30 de agosto não se realizou devido a lapso do laboratório; foi assim reagendada para 25 de outubro.

3.º TRIMESTRE DE 2023

PONTOS DE COLHEITA - REDE DE DISTRIBUIÇÃO

PCQA		ZONA A - ALCOCHETE		Valores	ZONA B - SAMOUCO			Valores	ZONA C - F ¹⁶ SR ² /PASSIL			VP
		N.º Colheitas			N.º Colheitas		N.º Colheitas		Valores			
Ci	Unidades	Prev.	Efet.		Prev.	Efet.			Prev.	Efet.		
Escherichia coli (E. coli)	N/100ml	0			0				0			0
Bactérias coliformes	N/100ml	0			0				0			0
Desinfetante residual	mg/l	0			0				0			0,2 - 0,6
N º de colónias a 22º C	N/ml	0			0				0			-
N º de colónias a 36º C	N/ml	0			0				0			-
Temperatura	ºC	0			0				0			-
pH	Unidades de pH	0			0				0			>=6,5 e <=9,5
Cheiro a 25ºC	Fator de diluição	0			0				0			3
Sabor a 25ºC	Fator de diluição	0			0				0			3
Condutividade	µS/cm a 20ºC	0			0				0			2500
Oxidabilidade	mg/l O ₂	0			0				0			5
Cor	mg/l PtCo	0			0				0			20
Turvação	UNT	0			0				0			4
Amónio	mg/l NH ₄	0			0				0			0,50
Ferro	µg/l Fe	0			0				0			200
Manganés	µg/l Mn	0			0				0			50
Nitratos	mg/l NO ₃	0			0				0			50
Nitritos	mg/l NO ₂	0			0				0			0,50
Alumínio	µg/l Al	0			0				0			200
Antimónio	µg/l Sb	0			0				0			5
Arsénio	µg/l As	0			0				0			10
Benzeno	µg/l	0			0				0			1
Benzo(a)pireno	µg/l	0			0				0			0,010
Benzo(b)fluoranteno	µg/l	0			0				0			0,100
Benzo(k)fluoranteno	µg/l	0			0				0			0,100

Legenda:

VP – Valor Paramétrico, de acordo com a legislação em vigor
Ci – Controlo de Inspeção

PCQA – Programa de Controlo da Qualidade da Água

PONTOS DE COLHEITA - REDE DE DISTRIBUIÇÃO 3.º TRIMESTRE DE 2023

PCQA		ZONA A - ALCOCHETE			ZONA B - SAMOUCO			ZONA C - F ¹⁶ SR*/ PASSIL			VP
Ci	Unidades	N.º Colheitas		Valores	N.º Colheitas		Valores	N.º Colheitas		Valores	
		Prev.	Efet.		Prev.	Efet.		Prev.	Efet.		
Benzo(g,h,i)perileno	µg/l	0			0			0			0,100
Indeno(1,2,3-cd)pireno	µg/l	0			0			0			0,100
Boro	mg/l B	0			0			0			1
Bromatos	µg/l BrO ₃	0			0			0			10
Cádmio	µg/l Cd	0			0			0			5
Clorpirifos	µg/l	0			0			0			0,100
Clorofórmio	µg/l	0			0			0			-
Bromofórmio	µg/l	0			0			0			-
Bromodiclorometano	µg/l	0			0			0			-
Dibromoclorometano	µg/l	0			0			0			-
Chumbo	µg/l Pb	0			0			0			10
Cianetos	µg/l CN	0			0			0			50
Cloretos	mg/l Cl	0			0			0			250
Cobre	mg/l Cu	0			0			0			2
Crómio	µg/l Cr	0			0			0			50
1,2-Dicloroetano	µg/l	0			0			0			3
Enterococos	N/100ml	0			0			0			0
Fluoretos	mg/l F	0			0			0			1,50
Merúrio	µg/l Hg	0			0			0			1
Níquel	µg/l Ni	0			0			0			20
Hidro. aromáticos policíclicos	µg/l	0			0			0			0,100
Selénio	µg/l Se	0			0			0			10
Sulfatos	mg/l SO ₄	0			0			0			250
Tetracloreto	µg/l	0			0			0			10

Legenda:

VP – Valor Paramétrico, de acordo com a legislação em vigor
Ci – Controlo de Inspeção

PCQA – Programa de Controlo da Qualidade da Água

3.º TRIMESTRE DE 2023

PONTOS DE COLHEITA - REDE DE DISTRIBUIÇÃO

PCQA		ZONA A - ALCOCHETE			ZONA B - SAMOUCO			ZONA C - F ^{TE} SR ^U J PASSIL			VP
Ci	Unidades	N.º Colheitas		Valores	N.º Colheitas		Valores	N.º Colheitas		Valores	
		Prev.	Efet.		Prev.	Efet.		Prev.	Efet.		
Tricloroeteno	µg/l	0			0			0			10
Trihalometanos	µg/l	0			0			0			100
Alacloro	µg/l	0			0			0			0,100
Cálcio	mg/l Ca	0			0			0			-
Magnésio	mg/l Mg	0			0			0			-
Sódio	mg/l Na	0			0			0			200
Bentazona	µg/l	0			0			0			0,100
Simazina	µg/l	0			0			0			0,100
Terbutilazina	µg/l	0			0			0			0,100
Desetilsimazina	µg/l	0			0			0			0,100
Diurão	µg/l	0			0			0			0,100
Imidaclopride	µg/l	0			0			0			0,100
Metaxil	µg/l	0			0			0			0,100
Desotiterbutilazina	µg/l	0			0			0			0,100
Pesticidas totais	µg/l	0			0			0			0,500
<i>Clostridium perfringens</i>	N/100ml	0			0			0			0
Dureza total	mg/l CaCO3	0			0			0			-
Alfa total	Bq/l	0			0			0			0,10
Rádio 226	Bq/l	0			0			0			0,50
Dose indicativa total	mSv/ano	0			0			0			0,1

Legenda:

VP – Valor Paramétrico, de acordo com a legislação em vigor
Ci – Controlo de Inspeção

PCQA – Programa de Controlo da Qualidade da Água

MUNICÍPIO DE ALCOCHETE	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE ALCOCHETE						3.º TRIMESTRE		
	ZONA DE ABASTECIMENTO: ZONA A - ALCOCHETE / S. FRANCISCO						2023		
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).									
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli</i> (<i>E. coli</i>)	0	N/100 ml	0	0	0	100%	10	10	100%
Bactérias coliformas	0	N/100 ml	0	0	0	100%	10	10	100%
Desinfetante residual	---	mg/l	0,2	0,5	---	---	10	10	100%
Cheiro a 25 °C	3	Fator de diluição	<5	<5	0	100%	5	5	100%
Sabor a 25 °C	3	Fator de diluição	<3	<3	0	100%	5	5	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,2	7,5	1	80%	5	5	100%
Condutividade	2500	µS/cm a 20 °C	581	616	0	100%	5	5	100%
Cor	20	mg/l PtCo	<5	<5	0	100%	5	5	100%
Turvação	4	UNT	<0,7	<0,7	0	100%	5	5	100%
<i>Enterococos</i>	0	N/100 ml	0	0	0	100%	5	5	100%
Número de colónias a 22 °C	---	N/ml	19	80	---	---	5	5	100%
Número de colónias a 36 °C	---	N/ml	15	37	---	---	5	5	100%
<i>Clostridium perfringens</i>	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	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---
Mercurio	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	---	---	---	---	---	---	---
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Metalaxil	0,10	µg/l	---	---	---	---	---	---	---
Simazina	0,10	µg/l	---	---	---	---	---	---	---
Desetilsimazina	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	mSv	---	---	---	---	---	---	---
Alfa total	0,10	Bq/l	---	---	---	---	---	---	---
Rádio 226	---	Bq/l	---	---	---	---	---	---	---
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): o incumprimento para o parâmetro 'pH' deveu-se às características naturais da origem da água, não tendo sido tomadas medidas corretivas.									
Responsável:					Data da publicação no website : 18/12/2023				

MUNICÍPIO DE ALCOCHETE	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE ALCOCHETE						3.º TRIMESTRE		
	ZONA DE ABASTECIMENTO: ZONA B - SAMOUÇO						2023		
	Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).								
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. coli)	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,3	0,4	---	---	3	3	100%
Cheiro a 25 °C	3	Fator de diluição	<3	<3	0	100%	1	1	100%
Sabor a 25 °C	3	Fator de diluição	<3	<3	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,7	7,7	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	831	831	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5	<5	0	100%	1	1	100%
Turvação	4	UNT	1,1	1,1	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	0	0	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	0	0	---	---	1	1	100%
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	---	---	0	---	---	---	---
Cloretos	250	mg/l Cl	---	---	0	---	---	---	---
Chumbo	10	µg/l Pb	---	---	0	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	0	---	---	---	---
Crómio	50	µg/l Cr	---	---	0	---	---	---	---
1,2 – dicloroetano	3,0	µg/l	---	---	0	---	---	---	---
Dureza total	---	mg/l CaCO ₃	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	0	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	0	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	0	---	---	---	---
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	---	---	---	---	---	---	---
Mercurio	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	---	---	---	---	---	---	---
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Metalaxil	0,10	µg/l	---	---	---	---	---	---	---
Simazina	0,10	µg/l	---	---	---	---	---	---	---
Desetilsimazina	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose indicativa	0,10	µg/l	---	---	---	---	---	---	---
Alfa total	0,10	Bq/l	---	---	---	---	---	---	---
Rádio 226	---	Bq/l	---	---	---	---	---	---	---
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): nada a referir.									
Responsável: 					Data da publicação no website: 18/12/2023				

MUNICÍPIO DE ALCOCHETE	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE ALCOCHETE						3.º TRIMESTRE		
	ZONA DE ABASTECIMENTO: ZONA C - FONTE DA SENHORA / PASSÍL						2023		
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).									
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. coli)	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,2	0,5	---	---	3	3	100%
Cheiro a 25 °C	3	Fator de diluição	<3	<3	0	100%	1	1	100%
Sabor a 25 °C	3	Fator de diluição	<3	<3	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	8,0	8,0	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	330	330	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5	<5	0	100%	1	1	100%
Turvação	4	UNT	<0,7	<0,7	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	0	0	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	0	0	---	---	1	1	100%
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	---	---	---	---	---	---	---
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	---	---	---	---	1	0	0%
Nitratos	50	mg/l NO ₃	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO ₂	---	---	---	---	---	---	---
Mercurio	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	---	---	---	---	---	---	---
Diurão	0,10	µg/l	---	---	---	---	---	---	---
Imidaclopride	0,10	µg/l	---	---	---	---	---	---	---
Metalaxil	0,10	µg/l	---	---	---	---	---	---	---
Simazina	0,10	µg/l	---	---	---	---	---	---	---
Desetilsimazina	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	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	---	---	---	---	---	---	---
Alfa total	0,10	Bq/l	---	---	---	---	---	---	---
Rádio 226	---	Bq/l	---	---	---	---	---	---	---
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): a pesquisa de 'manganês' prevista para 30 de agosto não se realizou devido a lapso do laboratório; foi assim reagendada para 25 de outubro.									
Responsável: 					Data da publicação no website : 18/12/2023				