

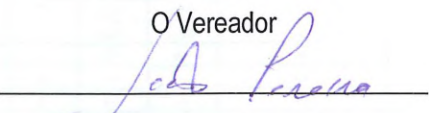
MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar		
TOTAL DO CONCELHO									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,6	0,1	23	23	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	23	23	100%	0	0%
Bactérias coliformes	col./100mL	0	>100	0	23	23	100%	5	22%
Enterococos	col./100mL	0	0	0	6	6	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	0	0	6	6	100%	0	0%
Número de colónias a 22 °C	col./mL	---	>300	ND (<1)	6	6	100%	0	0%
Número de colónias a 37 °C	col./mL	---	>300	ND (<1)	6	6	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	8,3	7,9	5	5	100%	0	0%
Arsénio*	µg/L As	10	<3	<3	2	2	100%	0	0%
Antimónio*	µg/L Sb	5	<1,5	<1,5	2	2	100%	0	0%
Mercurio*	µg/L Hg	1	<0,2	<0,2	2	2	100%	0	0%
Cianetos*	µg/L Cn	50	<5	<5	2	2	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio*	µg/L Cd	5	<1,5	<1,5	2	2	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos*	mg/L F	1,5	0,11	0,10	2	2	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	<2	<2	5	5	100%	0	0%
Nitratos*	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	<1	<1	5	5	100%	0	0%
Condutividade	µS/cm	2500	238	235	5	5	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio*	mg/L Na	200	15	15	2	2	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio*	µg/L Se	10	<3,0	<3,0	2	2	100%	0	0%
Cloretos*	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos*	mg/L SO4	250	12	12	2	2	100%	0	0%
Ferro	µg/L Fe	200	<50	<50	5	5	100%	0	0%
Sabor a 25°C	Fator diluição	3	<1	<1	5	5	100%	0	0%
Turvação	UNT	4	0,33	<0,30	5	5	100%	0	0%
Bromatos*	µg/L BrO3	10	2,2	<2,0	2	2	100%	0	0%
Alumínio	µg/L Al	200	66	<50	5	5	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro*	mg/L B	1	<0,030	<0,030	2	2	100%	0	0%
<b>Pesticidas:</b>									
Bentazona*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Linurão*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Metolaclo	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Desetilterbutilazina*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Terbutilazina*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Dirão*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Pesticidas Totais*	µg/L	0,5	<0,03	<0,03	3	3	100%	0	0%
Mecoprop*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Simazina*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Desetilsimazina*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Clorpirifos*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Dimetenamida-P*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Metribuzina*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
Imidaclopride*	µg/L	0,1	<0,03	<0,03	2	2	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano*	µg/L	3	<0,10	<0,10	2	2	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodiolcloroetano	µg/L	---	---	---	0	0	100%	0	0%
Dibromocloroetano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano*	µg/L	---	<1,0	<1,0	2	2	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano*	µg/L	---	<0,10	<0,10	2	2	100%	0	0%
Tricloroetano e Tetracloroetano*	µg/L	10	<1,0	<1,0	2	2	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose indicativa*	mSv	0,1	<0,10	<0,10	2	2	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					194	194	100%	5	3%
<b>Taxa de Cumprimento</b>								<b>97%</b>	

\*Parâmetro conservativo analisado pela Entidade Gestora em alta (Águas do Algarve, S.A.)

- 1) Durante os meses de **janeiro, fevereiro e março de 2023**, foram realizadas **194** análises de água para consumo humano.
- 2) Com base nas análises efetuadas, conclui-se que, neste período de tempo, registaram-se **5** incumprimentos na qualidade da água.

João Manuel Afonso Pereira, Vereador do Município de Castro Marim, em cumprimento do disposto no Decreto-Lei n.º 152/2017 de 7 de dezembro, torna públicos, os resultados obtidos nas análises efetuadas à qualidade da água para consumo humano no concelho de Castro Marim previstas no Programa de Controlo da Água (PCQA), aprovado pela autoridade competente (ERSAR).

O Vereador

  
Dr. João Manuel Afonso Pereira



MUNICÍPIO DE CASTRO MARIM		CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO		EDITAL 2023
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)			1º TRIMESTRE 01 jan a 31 mar	
RESUMO DE INCUMPRIMENTOS				
Parâmetro	Ponto	Data	Causa	Medidas Corretivas
Bactérias coliformes	Carvalhinhos	15/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)
Bactérias coliformes	Fontanário de Fontainhas	15/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)
Bactérias coliformes	Fontanário de Fonte Chicó	15/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)
Bactérias coliformes	Fontanário de Pego dos Negros	15/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)
Bactérias coliformes	Fontanário de Amendoeira - Marroquil	22/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)



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ZONAS DE ABASTECIMENTO		



- ZA1 - Altura
- ZA2 - Principal
- ZA3 - Pisa Barro de Cima
- ZA4 - Pisa Barro de Baixo
- ZA5 - Matos
- ZA6 - Soalheiras
- ZA7 - Campeiros
- ZA8 - Cerro do Enho
- ZA9 - Cortelha
- ZA10 - Fonte Chicó
- ZA11 - Tanoeiro
- ZA12 - Vale Andreu
- ZA13 - Fontainhas
- ZA14 - Amendoeira-Marroquil
- ZA15 - Alcarias Grandes
- ZA16 - Pego dos Negros
- ZA17 - Corte Gago
- ZA18 - Carvalinhos
- ZA19 - Fortes



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ZONA DE ABASTECIMENTO DE ALTURA									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)		Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,2	0,2	3	3	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	3	3	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	3	3	100%	0	0%
Enterococos	col./100mL	0	0	0	3	3	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	0	0	3	3	100%	0	0%
Número de colónias a 22 °C	col./mL	---	ND (<1)	ND (<1)	3	3	100%	0	0%
Número de colónias a 37 °C	col./mL	---	ND (<1)	ND (<1)	3	3	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	8,3	7,9	2	2	100%	0	0%
Arsénio*	µg/L As	10	<3,0	<3,0	1	1	100%	0	0%
Antimónio*	µg/L Sb	5	<1,5	<1,5	1	1	100%	0	0%
Mercurio*	µg/L Hg	1	<0,200	<0,200	1	1	100%	0	0%
Cianetos*	µg/L Cn	50	<5	<5	1	1	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio*	µg/L Cd	5	<1,5	<1,5	1	1	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos*	mg/L F	1,5	0,10	0,10	1	1	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	<2	<2	2	2	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	<1	<1	2	2	100%	0	0%
Condutividade	µS/cm	2500	238	236	2	2	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio*	mg/L Na	200	15	15	1	1	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio*	µg/L Se	10	<3,0	<3,0	1	1	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos*	mg/L SO4	250	12	12	1	1	100%	0	0%
Ferro	µg/L Fe	200	<50	<50	2	2	100%	0	0%
Sabor a 25°C	Fator diluição	3	<1	<1	2	2	100%	0	0%
Turvação	UNT	4	0,33	<0,30	2	2	100%	0	0%
Bromatos*	µg/L BrO3	10	2,2	2,2	1	1	100%	0	0%
Alumínio	µg/L Al	200	<50	<50	2	2	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro*	mg/L B	1	<0,030	<0,030	1	1	100%	0	0%
<b>Pesticidas:</b>									
Bentazona*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Linurão*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Metolacolor*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Desetilterbutilazina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Terbutilazina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Diurão*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Pesticidas Totais*	µg/L	0,5	<0,03	<0,03	1	1	100%	0	0%
Mecoprope*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Simazina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Desetilsimazina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Clorpirifos*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Dimetenedimida-P*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Metribuzina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
Imidaclopride*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano*	µg/L	3	<0,10	<0,10	1	1	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodiclorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano*	µg/L	---	<1,0	<1,0	1	1	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano*	µg/L	---	<0,10	<0,10	1	1	100%	0	0%
Tricloroetano e Tetracloroetano*	µg/L	10	<1,0	<1,0	1	1	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose Indicativa*	mSv	0,1	<0,10	<0,10	1	1	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					67	67	100%	0	0%
							<b>Taxa de Cumprimento</b>		100%

PONTOS DE COLHEITA	DATA
Altura - Restaurante Chaminé	04/01/2023
Altura - Centro de Saúde	01/02/2023
Altura - Infantário	01/03/2023
Altura*	20/03/2023

\*Parâmetro conservativo analisado pela Entidade Gestora em alta (Águas do Algarve, S.A.)



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ZONA DE ABASTECIMENTO PRINCIPAL										
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%	
Desinfetante residual	mg/L Cl	---	0,1	0,1	3	3	100%	0	0%	
<b>Parâmetros Microbiológicos:</b>										
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	3	3	100%	0	0%	
Bactérias coliformes	col./100mL	0	0	0	3	3	100%	0	0%	
Enterococos	col./100mL	0	0	0	3	3	100%	0	0%	
<i>Clostridium perfringens</i>	col./100mL	0	0	0	3	3	100%	0	0%	
Número de colónias a 22 ºC	col./mL	---	>300	70	3	3	100%	0	0%	
Número de colónias a 37 ºC	col./mL	---	>300	56	3	3	100%	0	0%	
<b>Parâmetros Físico-Químicos:</b>										
pH	unid. de pH	6,5 - 9,5	8,3	7,9	3	3	100%	0	0%	
Arsénio*	µg/L As	10	<3,0	<3,0	1	1	100%	0	0%	
Antimónio*	µg/L Sb	5	<1,5	<1,5	1	1	100%	0	0%	
Mercurio*	µg/L Hg	1	<0,200	<0,200	1	1	100%	0	0%	
Cianetos*	µg/L Cn	50	<5,0	<5,0	1	1	100%	0	0%	
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%	
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%	
Cádmio*	µg/L Cd	5	<1,5	<1,5	1	1	100%	0	0%	
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%	
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%	
Fluoretos*	mg/L F	1,5	0,11	0,11	1	1	100%	0	0%	
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%	
Cor	mg/L PtCO	20	<2,0	<2,0	3	3	100%	0	0%	
Nitratos*	mg/L NO3	50	---	---	0	0	100%	0	0%	
Cheiro a 25ºC	Fator diluição	3	<1	<1	3	3	100%	0	0%	
Condutividade	µS/cm	2500	237	235	3	3	100%	0	0%	
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%	
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%	
Sódio*	mg/L Na	200	15	15	1	1	100%	0	0%	
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%	
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%	
Selénio*	µg/L Se	10	<3,0	<3,0	1	1	100%	0	0%	
Cloretos*	mg/L Cl	250	---	---	0	0	100%	0	0%	
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%	
Sulfatos*	mg/L SO4	250	12	12	1	1	100%	0	0%	
Ferro	µg/L Fe	200	<50	<50	3	3	100%	0	0%	
Sabor a 25ºC	Fator diluição	3	<1	<1	3	3	100%	0	0%	
Turvação	UNT	4	<0,30	<0,30	3	3	100%	0	0%	
Bromatos*	µg/L BrO3	10	<2,0	<2,0	1	1	100%	0	0%	
Alumínio	µg/L Al	200	66	<50	3	3	100%	0	0%	
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%	
Boro*	mg/L B	1	<0,030	<0,030	1	1	100%	0	0%	
<b>Pesticidas:</b>										
Bentazona*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Linurão*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Metolaclozox*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Desetilterbutilazina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Terbutilazina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Diurão*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Pesticidas Totais*	µg/L	0,5	<0,03	<0,03	2	2	100%	0	0%	
Mecoprope*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Simazina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Desetilsimazina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Clorpirifos*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Dimetenamida-P*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Metribuzina*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
Imidaclopride*	µg/L	0,1	<0,03	<0,03	1	1	100%	0	0%	
<b>Compostos Orgânicos Voláteis:</b>										
1,2 - dicloroetano*	µg/L	3	<0,10	<0,10	1	1	100%	0	0%	
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Bromodiclorometano	µg/L	---	---	---	0	0	100%	0	0%	
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%	
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano*	µg/L	---	<1,0	<1,0	1	1	100%	0	0%	
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%	
Tetracloroetano*	µg/L	---	<0,10	<0,10	1	1	100%	0	0%	
Tricloroetano e Tetracloroetano*	µg/L	10	<1,0	<1,0	1	1	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>										
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%	
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%	
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Polinucleares</b>										
Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Radiológicos:</b>										
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%	
Dose Indicativa*	mSv	0,1	<0,10	<0,10	1	1	100%	0	0%	
<b>Compostos Orgânicos:</b>										
Benzeno*	µg/L	---	---	---	0	0	100%	0	0%	
<b>TOTAL</b>					76	76	100%	0	0%	
								<b>Taxa de Cumprimento</b>		100%

PONTOS DE COLHEITA	DATA
Monte Francisco - Restaurante	04/01/2023
Junqueira - Taberna Graça e Gil	01/02/2023
Quinta do vale - Clube House	01/03/2023
Monte Francisco*	22/02/2023
Monte Francisco*	21/03/2023

\*Parâmetro conservativo analisado pela Entidade Gestora em alta (Águas do Algarve, S.A.)



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)								1º TRIMESTRE 01 jan a 31 mar	
ZONA DE ABASTECIMENTO DE PISA BARRO DE CIMA									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetivadas	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,3	0,3	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodiorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	0	0%
							<b>Taxa de Cumprimento</b>		
							<b>100%</b>		

PONTOS DE COLHEITA	DATA
Fontanário de Pisa Barro de Cima	08/02/2023



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023		
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar			
ZONA DE ABASTECIMENTO DE PISA BARRO DE BAIXO										
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%	
Desinfetante residual	mg/L Cl	---	0,2	0,2	1	1	100%	0	0%	
<b>Parâmetros Microbiológicos:</b>										
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%	
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%	
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%	
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%	
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%	
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%	
<b>Parâmetros Físico-Químicos:</b>										
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%	
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%	
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%	
Mercúrio	µg/L Hg	1	---	---	0	0	100%	0	0%	
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%	
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%	
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%	
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%	
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%	
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%	
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%	
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%	
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%	
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%	
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%	
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%	
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%	
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%	
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%	
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%	
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%	
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%	
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%	
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%	
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%	
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Turvação	UNT	4	---	---	0	0	100%	0	0%	
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%	
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%	
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%	
Boro	mg/L B	1	---	---	0	0	100%	0	0%	
<b>Pesticidas:</b>										
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%	
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Metolacoloro	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%	
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%	
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%	
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos Voláteis:</b>										
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%	
Cloroformio	µg/L	---	---	---	0	0	100%	0	0%	
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%	
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%	
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%	
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>										
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%	
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%	
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%	
Hidrocarbonetos Aromáticos Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Radiológicos:</b>										
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%	
Dose Indicativa	mSv	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos:</b>										
Benzeno	µg/L	---	---	---	0	0	100%	0	0%	
<b>TOTAL</b>					3	3	100%	0	0%	
								<b>Taxa de Cumprimento</b>		100%

PONTOS DE COLHEITA	DATA
Fontanário de Pisa Barro de Baixo	08/02/2023



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE MATOS									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,2	0,2	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolacoloro	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodiorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose Indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	0	0%
							<b>Taxa de Cumprimento</b>		
							<b>100%</b>		

PONTOS DE COLHEITA	DATA
Fontanário de Matos	08/02/2023



MUNICÍPIO DE CASTRO MARIM		CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO						EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)								1º TRIMESTRE 01 jan a 31 mar	
ZONA DE ABASTECIMENTO DE SOALHEIRAS									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,2	0,2	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercúrio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolacolor	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Cloroformio	µg/L	---	---	---	0	0	100%	0	0%
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	0	0%
<b>Taxa de Cumprimento</b>								<b>100%</b>	

PONTOS DE COLHEITA	DATA
Fontanário de Soalheiras	08/02/2023



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO						EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)								1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE CAMPEIROS										
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%	
Desinfetante residual	mg/L Cl	---	0,3	0,3	1	1	100%	0	0%	
<b>Parâmetros Microbiológicos:</b>										
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%	
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%	
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%	
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%	
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%	
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%	
<b>Parâmetros Físico-Químicos:</b>										
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%	
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%	
Antimônio	µg/L Sb	5	---	---	0	0	100%	0	0%	
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%	
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%	
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%	
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%	
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%	
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%	
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%	
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%	
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%	
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%	
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%	
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%	
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%	
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%	
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%	
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%	
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%	
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%	
Cloreto	mg/L Cl	250	---	---	0	0	100%	0	0%	
Manganés	µg/L Mn	50	---	---	0	0	100%	0	0%	
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%	
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%	
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Turvação	UNT	4	---	---	0	0	100%	0	0%	
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%	
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%	
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%	
Boro	mg/L B	1	---	---	0	0	100%	0	0%	
<b>Pesticidas:</b>										
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%	
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%	
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%	
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%	
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos Voláteis:</b>										
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%	
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%	
Dibromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%	
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%	
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>										
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%	
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%	
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Polinucleares</b>										
	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Radiológicos:</b>										
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%	
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos:</b>										
Benzeno	µg/L	---	---	---	0	0	100%	0	0%	
<b>TOTAL</b>					3	3	100%	0	0%	
								<b>Taxa de Cumprimento</b>		100%

PONTOS DE COLHEITA	DATA
Casa Particular 1	08/02/2023



MUNICÍPIO DE CASTRO MARIM		CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO						EDITAL 2023		
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)								1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE CERRO DO ENHO										
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%	
Desinfetante residual	mg/L Cl	---	0,1	0,1	1	1	100%	0	0%	
<b>Parâmetros Microbiológicos:</b>										
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%	
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%	
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%	
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%	
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%	
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%	
<b>Parâmetros Físico-Químicos:</b>										
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%	
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%	
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%	
Mercúrio	µg/L Hg	1	---	---	0	0	100%	0	0%	
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%	
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%	
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%	
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%	
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%	
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%	
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%	
Oxidação	mg/L O2	5	---	---	0	0	100%	0	0%	
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%	
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%	
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%	
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%	
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%	
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%	
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%	
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%	
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%	
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%	
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%	
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%	
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%	
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Turvação	UNT	4	---	---	0	0	100%	0	0%	
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%	
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%	
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%	
Boro	mg/L B	1	---	---	0	0	100%	0	0%	
<b>Pesticidas:</b>										
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%	
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%	
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%	
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%	
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos Voláteis:</b>										
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%	
Cloroformio	µg/L	---	---	---	0	0	100%	0	0%	
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%	
Dibromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%	
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%	
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>										
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%	
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%	
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Polinucleares</b>										
Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Radiológicos:</b>										
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%	
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos:</b>										
Benzeno	µg/L	---	---	---	0	0	100%	0	0%	
<b>TOTAL</b>					3	3	100%	0	0%	
								<b>Taxa de Cumprimento</b>		100%

PONTOS DE COLHEITA	DATA
Casa Particular 1	22/02/2023



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE CORTELHA									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,2	0,2	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercúrio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromochlorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetrachloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetrachloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose Indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	0	0%
<b>Taxa de Cumprimento</b>								<b>100%</b>	

PONTOS DE COLHEITA	DATA
Fontanário de Cortelha	15/02/2023



MUNICÍPIO DE CASTRO MARIM		CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO							EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)								1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE FONTE CHICÓ										
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%	
Desinfetante residual	mg/L Cl	---	0,3	0,3	1	1	100%	0	0%	
<b>Parâmetros Microbiológicos:</b>										
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%	
Bactérias coliformes	col./100mL	0	22	22	1	1	100%	1	100%	
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%	
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%	
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%	
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%	
<b>Parâmetros Físico-Químicos:</b>										
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%	
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%	
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%	
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%	
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%	
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%	
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%	
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%	
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%	
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%	
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%	
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%	
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%	
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%	
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%	
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%	
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%	
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%	
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%	
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%	
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%	
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%	
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%	
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%	
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%	
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Turvação	UNT	4	---	---	0	0	100%	0	0%	
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%	
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%	
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%	
Boro	mg/L B	1	---	---	0	0	100%	0	0%	
<b>Pesticidas:</b>										
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%	
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Metolacoloro	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%	
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%	
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%	
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos Voláteis:</b>										
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%	
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Bromodiorometano	µg/L	---	---	---	0	0	100%	0	0%	
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%	
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%	
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>										
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%	
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%	
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Polinucleares</b>										
	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Radiológicos:</b>										
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%	
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos:</b>										
Benzeno	µg/L	---	---	---	0	0	100%	0	0%	
<b>TOTAL</b>					3	3	100%	1	33%	
								<b>Taxa de Cumprimento</b>		67%

PONTOS DE COLHEITA	DATA
Fontanário de Fonte Chicó	15/02/2023



INFORMAÇÃO COMPLEMENTAR RELATIVA À AVERIGUAÇÃO DAS SITUAÇÕES DE INCUMPRIMENTO DOS VALORES PARAMÉTRICOS				
Parâmetro	Ponto	Data	Causa	Medidas Corretivas
Bactérias coliformes	Fontanário de Fonte Chicó	15/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023		
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar			
ZONA DE ABASTECIMENTO DE TANOEIRO										
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%	
Desinfetante residual	mg/L Cl	---	0,5	0,5	1	1	100%	0	0%	
<b>Parâmetros Microbiológicos:</b>										
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%	
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%	
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%	
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%	
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%	
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%	
<b>Parâmetros Físico-Químicos:</b>										
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%	
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%	
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%	
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%	
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%	
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%	
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%	
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%	
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%	
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%	
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%	
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%	
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%	
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%	
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%	
Azoto Amónico	mg/L NH4	0,5	---	---	0	0	100%	0	0%	
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%	
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%	
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%	
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%	
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%	
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%	
Manganés	µg/L Mn	50	---	---	0	0	100%	0	0%	
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%	
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%	
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Turvação	UNT	4	---	---	0	0	100%	0	0%	
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%	
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%	
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%	
Boro	mg/L B	1	---	---	0	0	100%	0	0%	
<b>Pesticidas:</b>										
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%	
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Metolacolor	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%	
Mecopropo	µg/L	0,1	---	---	0	0	100%	0	0%	
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%	
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos Voláteis:</b>										
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%	
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Bromodiorometano	µg/L	---	---	---	0	0	100%	0	0%	
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%	
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%	
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>										
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%	
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%	
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Polinucleares</b>										
Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Radiológicos:</b>										
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%	
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos:</b>										
Benzeno	µg/L	---	---	---	0	0	100%	0	0%	
<b>TOTAL</b>					3	3	100%	0	0%	
							<b>Taxa de Cumprimento</b>			100%

PONTOS DE COLHEITA	DATA
Fontanário de Tancoeiro	22/02/2023



MUNICÍPIO DE CASTRO MARIM		CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO						EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)								1º TRIMESTRE 01 jan a 31 mar	
ZONA DE ABASTECIMENTO DE VALE ANDREU									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,5	0,5	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercúrio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Cloroformio	µg/L	---	---	---	0	0	100%	0	0%
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	0	0%
								<b>Taxa de Cumprimento</b>	<b>100%</b>

PONTOS DE COLHEITA	DATA
Fontanário de Vale Andreu	22/02/2023



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023		
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)								1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE FONTAÍNHAS										
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%	
Desinfetante residual	mg/L Cl	---	0,6	0,6	1	1	100%	0	0%	
<b>Parâmetros Microbiológicos:</b>										
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%	
Bactérias coliformes	col./100mL	0	45	45	1	1	100%	1	100%	
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%	
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%	
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%	
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%	
<b>Parâmetros Físico-Químicos:</b>										
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%	
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%	
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%	
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%	
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%	
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%	
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%	
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%	
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%	
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%	
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%	
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%	
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%	
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%	
Chéiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%	
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%	
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%	
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%	
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%	
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%	
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%	
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%	
Manganés	µg/L Mn	50	---	---	0	0	100%	0	0%	
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%	
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%	
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Turvação	UNT	4	---	---	0	0	100%	0	0%	
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%	
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%	
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%	
Boro	mg/L B	1	---	---	0	0	100%	0	0%	
<b>Pesticidas:</b>										
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%	
linurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Metolacoloro	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%	
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%	
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%	
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos Voláteis:</b>										
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%	
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%	
Dibromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%	
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%	
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>										
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%	
Benzo(e,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%	
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Polinucleares</b>										
	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Radiológicos:</b>										
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%	
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos:</b>										
Benzeno	µg/L	---	---	---	0	0	100%	0	0%	
<b>TOTAL</b>					3	3	100%	1	33%	
							<b>Taxa de Cumprimento</b>			67%

PONTOS DE COLHEITA	DATA
Fontanário de Fontainhas	15/02/2023



INFORMAÇÃO COMPLEMENTAR RELATIVA À AVERIGUAÇÃO DAS SITUAÇÕES DE INCUMPRIMENTO DOS VALORES PARAMÉTRICOS				
Parâmetro	Ponto	Data	Causa	Medidas Corretivas
Bactérias coliformes	Fontanário de Fontainhas	15/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023		
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar			
ZONA DE ABASTECIMENTO DE AMENDEIRA-MARROQUIL										
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP		
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%	
Desinfetante residual	mg/L Cl	---	0,2	0,2	1	1	100%	0	0%	
<b>Parâmetros Microbiológicos:</b>										
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%	
Bactérias coliformes	col./100mL	0	21	21	1	1	100%	1	100%	
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%	
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%	
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%	
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%	
<b>Parâmetros Físico-Químicos:</b>										
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%	
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%	
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%	
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%	
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%	
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%	
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%	
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%	
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%	
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%	
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%	
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%	
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%	
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%	
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%	
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%	
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%	
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%	
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%	
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%	
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%	
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%	
Manganés	µg/L Mn	50	---	---	0	0	100%	0	0%	
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%	
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%	
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%	
Turvação	UNT	4	---	---	0	0	100%	0	0%	
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%	
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%	
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%	
Boro	mg/L B	1	---	---	0	0	100%	0	0%	
<b>Pesticidas:</b>										
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%	
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Metolacoloro	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%	
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%	
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%	
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%	
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%	
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos Voláteis:</b>										
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%	
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Bromodiorometano	µg/L	---	---	---	0	0	100%	0	0%	
Dibromodiorometano	µg/L	---	---	---	0	0	100%	0	0%	
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%	
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%	
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>										
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%	
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%	
Benzo(e,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%	
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%	
<b>Hidrocarbonetos Aromáticos Polinucleares</b>										
	µg/L	0,1	---	---	0	0	100%	0	0%	
<b>Radiológicos:</b>										
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%	
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%	
<b>Compostos Orgânicos:</b>										
Benzeno	µg/L	---	---	---	0	0	100%	0	0%	
<b>TOTAL</b>					3	3	100%	1	33%	
							<b>Taxa de Cumprimento</b>			67%

PONTOS DE COLHEITA	DATA
Fontanário de Amendoeira - Marroquil	22/02/2023

INFORMAÇÃO COMPLEMENTAR RELATIVA À AVERIGUAÇÃO DAS SITUAÇÕES DE INCUMPRIMENTO DOS VALORES PARAMÉTRICOS				
Parâmetro	Ponto	Data	Causa	Medidas Corretivas
Bactérias coliformes	Fontanário de Amendoeira - Marroquim	22/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)



MUNICÍPIO DE CASTRO MARIM		CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO						EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE ALCARIAS GRANDES									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,2	0,2	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercúrio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganês	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Cloroformio	µg/L	---	---	---	0	0	100%	0	0%
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
Polinucleares	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3		100%		100%
<b>Taxa de Cumprimento</b>								100%	

PONTOS DE COLHEITA	DATA
Casa Particular 1	22/02/2023



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE PEGO DOS NEGROS									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,6	0,6	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	13	13	1	1	100%	1	100%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Chéiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganés	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodiorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromodiorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	1	33%
							<b>Taxa de Cumprimento</b>		
							67%		

PONTOS DE COLHEITA	DATA
Fontanário de Pego dos Negros	15/02/2023



INFORMAÇÃO COMPLEMENTAR RELATIVA À AVERIGUAÇÃO DAS SITUAÇÕES DE INCUMPRIMENTO DOS VALORES PARAMÉTRICOS				
Parâmetro	Ponto	Data	Causa	Medidas Corretivas
Bactérias coliformes	Fontanário de Pego dos Negros	15/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)

MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE CORTE GAGO									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,3	0,3	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercúrio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganés	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodiorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(e,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	0	0%
							<b>Taxa de Cumprimento</b>		
							100%		

PONTOS DE COLHEITA	DATA
Casa Particular 1	22/02/2023



MUNICÍPIO DE CASTRO MARIM		CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO						EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)								1º TRIMESTRE 01 jan a 31 mar	
ZONA DE ABASTECIMENTO DE CARVALHINHOS									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,2	0,2	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	>100	>100	1	1	100%	1	100%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimônio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganés	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprop	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(g,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	1	33%
<b>Taxa de Cumprimento</b>								<b>67%</b>	

PONTOS DE COLHEITA	DATA
Fontanário de Carvalhinhos	15/02/2023

INFORMAÇÃO COMPLEMENTAR RELATIVA À AVERIGUAÇÃO DAS SITUAÇÕES DE INCUMPRIMENTO DOS VALORES PARAMÉTRICOS				
Parâmetro	Ponto	Data	Causa	Medidas Corretivas
Bactérias coliformes	Carvalinhos	15/02/2023	A averiguação das causas foi inconclusiva	Abastecimento alternativo temporário (autotanque, água engarrafada, outros)



MUNICÍPIO DE CASTRO MARIM			CONTROLO ANALÍTICO DA ÁGUA PARA CONSUMO HUMANO					EDITAL 2023	
Em conformidade com o disposto no DL n.º 152/2017, de 7 de Dezembro, informa-se os consumidores da qualidade da água fornecida através de análises periódicas previstas no PCQA aprovado pela autoridade competente (ERSAR)							1º TRIMESTRE 01 jan a 31 mar		
ZONA DE ABASTECIMENTO DE FORTES									
Parâmetros	Unidades	Valor Paramétrico (VP)	Valores Obtidos		N.º de Análises (PCQA)			Análises > VP	
			Máximo	Mínimo	Efetuada	Previstas	%	N.º	%
Desinfetante residual	mg/L Cl	---	0,2	0,2	1	1	100%	0	0%
<b>Parâmetros Microbiológicos:</b>									
<i>Escherichia coli (E. coli)</i>	col./100mL	0	0	0	1	1	100%	0	0%
Bactérias coliformes	col./100mL	0	0	0	1	1	100%	0	0%
Enterococos	col./100mL	0	---	---	0	0	100%	0	0%
<i>Clostridium perfringens</i>	col./100mL	0	---	---	0	0	100%	0	0%
Número de colónias a 22 °C	col./mL	---	---	---	0	0	100%	0	0%
Número de colónias a 37 °C	col./mL	---	---	---	0	0	100%	0	0%
<b>Parâmetros Físico-Químicos:</b>									
pH	unid. de pH	6,5 - 9,5	---	---	0	0	100%	0	0%
Arsénio	µg/L As	10	---	---	0	0	100%	0	0%
Antimónio	µg/L Sb	5	---	---	0	0	100%	0	0%
Mercurio	µg/L Hg	1	---	---	0	0	100%	0	0%
Cianetos	µg/L Cn	50	---	---	0	0	100%	0	0%
Crómio	µg/L Cr	50	---	---	0	0	100%	0	0%
Níquel	µg/L Ni	20	---	---	0	0	100%	0	0%
Cádmio	µg/L Cd	5	---	---	0	0	100%	0	0%
Cobre	mg/L Cu	2	---	---	0	0	100%	0	0%
Chumbo	µg/L Pb	10	---	---	0	0	100%	0	0%
Fluoretos	mg/L F	1,5	---	---	0	0	100%	0	0%
Oxidabilidade	mg/L O2	5	---	---	0	0	100%	0	0%
Cor	mg/L PtCO	20	---	---	0	0	100%	0	0%
Nitratos	mg/L NO3	50	---	---	0	0	100%	0	0%
Cheiro a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Condutividade	µS/cm	2500	---	---	0	0	100%	0	0%
Azoto Amoniacal	mg/L NH4	0,5	---	---	0	0	100%	0	0%
Nitritos	mg/L NO2	0,5	---	---	0	0	100%	0	0%
Sódio	mg/L Na	200	---	---	0	0	100%	0	0%
Cálcio	mg/L Ca	---	---	---	0	0	100%	0	0%
Magnésio	mg/L Mg	---	---	---	0	0	100%	0	0%
Selénio	µg/L Se	10	---	---	0	0	100%	0	0%
Cloretos	mg/L Cl	250	---	---	0	0	100%	0	0%
Manganés	µg/L Mn	50	---	---	0	0	100%	0	0%
Sulfatos	mg/L SO4	250	---	---	0	0	100%	0	0%
Ferro	µg/L Fe	200	---	---	0	0	100%	0	0%
Sabor a 25°C	Fator diluição	3	---	---	0	0	100%	0	0%
Turvação	UNT	4	---	---	0	0	100%	0	0%
Bromatos	µg/L BrO3	10	---	---	0	0	100%	0	0%
Alumínio	µg/L Al	200	---	---	0	0	100%	0	0%
Dureza total	mg/L CaCO3	---	---	---	0	0	100%	0	0%
Boro	mg/L B	1	---	---	0	0	100%	0	0%
<b>Pesticidas:</b>									
Bentazona	µg/L	0,1	---	---	0	0	100%	0	0%
Linurão	µg/L	0,1	---	---	0	0	100%	0	0%
Metolaclo	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilterbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Terbutilazina	µg/L	0,1	---	---	0	0	100%	0	0%
Diurão	µg/L	0,1	---	---	0	0	100%	0	0%
Pesticidas Totais	µg/L	0,5	---	---	0	0	100%	0	0%
Mecoprope	µg/L	0,1	---	---	0	0	100%	0	0%
Simazina	µg/L	0,1	---	---	0	0	100%	0	0%
Desetilsimazina	µg/L	0,1	---	---	0	0	100%	0	0%
Clorpirifos	µg/L	0,1	---	---	0	0	100%	0	0%
Imidaclopride	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos Voláteis:</b>									
1,2 - dicloroetano	µg/L	3	---	---	0	0	100%	0	0%
Clorofórmio	µg/L	---	---	---	0	0	100%	0	0%
Bromodichlorometano	µg/L	---	---	---	0	0	100%	0	0%
Dibromoclorometano	µg/L	---	---	---	0	0	100%	0	0%
Bromofórmio	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano	µg/L	---	---	---	0	0	100%	0	0%
Trihalometanos	µg/L	100	---	---	0	0	100%	0	0%
Tetracloroetano	µg/L	---	---	---	0	0	100%	0	0%
Tricloroetano e Tetracloroetano	µg/L	10	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b>									
Benzo(b)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(k)fluoranteno	µg/L	---	---	---	0	0	100%	0	0%
Benzo(a)pireno	µg/L	0,01	---	---	0	0	100%	0	0%
Benzo(e,h,i)perileno	µg/L	---	---	---	0	0	100%	0	0%
Indeno(1,2,3-cd)pireno	µg/L	---	---	---	0	0	100%	0	0%
<b>Hidrocarbonetos Aromáticos Polinucleares</b>									
	µg/L	0,1	---	---	0	0	100%	0	0%
<b>Radiológicos:</b>									
Alfa total	Bq/L	0,1	---	---	0	0	100%	0	0%
Dose Indicativa	mSv	0,1	---	---	0	0	100%	0	0%
<b>Compostos Orgânicos:</b>									
Benzeno	µg/L	---	---	---	0	0	100%	0	0%
<b>TOTAL</b>					3	3	100%	0	0%
							<b>Taxa de Cumprimento</b>		
							100%		

PONTOS DE COLHEITA	DATA
Fontanário de Fortes	15/02/2023