

ÁGUAS DE CARRAZEDA S.A.

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

1º TRIMESTRE 2023

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas no toneira do consumidor, segundo o Programa de Controlo da Qualidade de Água (PCQA) aprovado pela autoridade competente

Table with 4 main columns: ZONA DE ABASTECIMENTO: AMEDO, ZONA DE ABASTECIMENTO: AREIAS, ZONA DE ABASTECIMENTO: BELVER, ZONA DE ABASTECIMENTO: CODEÇAIS. Each column contains detailed water quality parameters and their compliance status.

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): não ocorreram situações de incumprimentos dos VP. Responsável: ... Data da publicação no website:

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas no tomleira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	ZONA DE ABASTECIMENTO: SEXO DE ANSIÃES												ZONA DE ABASTECIMENTO: ETA DE CARRAZEDA												ZONA DE ABASTECIMENTO: LINHARES												ZONA DE ABASTECIMENTO: PARADELA											
	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas																		
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas		Mínimo	Máximo			Previstas	Realizadas		Mínimo	Máximo			Previstas	Realizadas		Mínimo	Máximo			Previstas	Realizadas		Mínimo	Máximo	Previstas	Realizadas	Mínimo	Máximo	Previstas	Realizadas	Mínimo	Máximo	Previstas	Realizadas						
Escherichia coli (E. Coli)	0	N/100 ml	0	0	0	100%	1	1	100%	0	0	0	100%	3	3	100%	0	0	0	100%	1	1	100%	0	0	0	100%	2	2	100%																		
Bactérias coliformes	0	N/100 ml	0	0	0	100%	1	1	100%	0	0	0	100%	3	3	100%	0	0	0	100%	1	1	100%	0	0	0	100%	2	2	100%																		
Desinfetante residual	---	mg/l	0,5	0,5	---	---	1	1	100%	---	---	---	---	3	3	100%	0,2	0,4	---	---	1	1	100%	0,2	0,4	---	---	2	2	100%																		
Cheiro a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%	<1	<1	0	100%	1	1	100%	<1	<1	0	100%	1	1	100%	<1	<1	0	100%	1	1	100%																		
Sabor a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%	<1	<1	0	100%	1	1	100%	<1	<1	0	100%	1	1	100%	<1	<1	0	100%	1	1	100%																		
pH	6,5 e ≤9,5	Unidades pH	5,5	6,5	0	100%	1	1	100%	6,6	6,6	0	100%	1	1	100%	6,9	6,9	0	100%	1	1	100%	6,5	6,5	0	100%	1	1	100%																		
Condutividade	2500	µS/cm a 20 ºC	110	110	0	100%	1	1	100%	125	125	0	100%	1	1	100%	41	41	0	100%	1	1	100%	78	78	0	100%	1	1	100%																		
Car	20	mg/l PClCo	<5	<5	0	100%	1	1	100%	<5	<5	0	100%	1	1	100%	<5	<5	0	100%	1	1	100%	<5	<5	0	100%	1	1	100%																		
Turvação	4	UNT	<0,50	<0,50	0	100%	1	1	100%	<0,50	<0,50	0	100%	1	1	100%	0,92	0,92	0	100%	1	1	100%	<0,50	<0,50	0	100%	1	1	100%																		
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%	0	0	0	100%	1	1	100%	0	0	0	100%	1	1	100%	0	0	0	100%	1	1	100%																		
Número de colónias a 22 ºC	---	N/ml	0	0	---	---	1	1	100%	0	0	---	---	1	1	100%	0	0	---	---	1	1	100%	0	0	---	---	1	1	100%																		
Número de colónias a 36 ºC	---	N/ml	0	0	---	---	1	1	100%	0	0	---	---	1	1	100%	0	0	---	---	1	1	100%	0	0	---	---	1	1	100%																		
Clostridium perfringens	0	N/100 ml	0	0	0	100%	1	1	100%	0	0	0	100%	1	1	100%	0	0	0	100%	1	1	100%	0	0	0	100%	1	1	100%																		
Alumínio	200	µg/l Al	180	180	0	100%	1	1	100%	<30	<30	0	100%	1	1	100%	33,1	33,1	0	100%	1	1	100%	34	34	0	100%	1	1	100%																		
Amónio	0,50	mg/l NH ₄								<0,1	<0,1	0	100%	1	1	100%	<0,1	<0,1	0	100%	1	1	100%	<0,1	<0,1	0	100%	1	1	100%																		
Antimônio	5,0	µg/l Sb								<1,0	<1,0	0	100%	1	1	100%	<1,0	<1,0	0	100%	1	1	100%	<1,0	<1,0	0	100%	1	1	100%																		
Arónio	10	µg/l As								3,9	3,9	0	100%	1	1	100%	<1,0	<1,0	0	100%	1	1	100%	<1,0	<1,0	0	100%	1	1	100%																		
Benzeno	1,0	µg/l								0	0	0	100%	1	1	100%	<0,20	<0,20	0	100%	1	1	100%	<0,20	<0,20	0	100%	1	1	100%																		
Benzol(a)pireno	0,010	µg/l								<0,003	<0,003	0	100%	1	1	100%	<0,003	<0,003	0	100%	1	1	100%	<0,003	<0,003	0	100%	1	1	100%																		
Boro	1,0	mg/l B								<0,010	<0,010	0	100%	1	1	100%	<0,010	<0,010	0	100%	1	1	100%	<0,010	<0,010	0	100%	1	1	100%																		
Brometos	10	µg/l BrO ₃								<3,0	<3,0	0	100%	1	1	100%	<3,0	<3,0	0	100%	1	1	100%	<3,0	<3,0	0	100%	1	1	100%																		
Cádmio	5,0	µg/l Cd								<0,40	<0,40	0	100%	1	1	100%	<0,40	<0,40	0	100%	1	1	100%	<0,40	<0,40	0	100%	1	1	100%																		
Cálcio	---	mg/l Ca								2,1	2,1	---	---	1	1	100%	4,8	4,8	---	---	1	1	100%	---	---	---	---	1	1	100%																		
Cianetos	50	µg/l CN								<5	<5	0	100%	1	1	100%	<5	<5	0	100%	1	1	100%	<5	<5	0	100%	1	1	100%																		
Cloreto	250	mg/l Cl								5,8	5,8	0	100%	1	1	100%	8,9	8,9	0	100%	1	1	100%	---	---	---	---	1	1	100%																		
Clorito	0,7	mg/l ClO ₂	1	1	1	0%	1	1	100%	0,534	0,534	0	100%	1	1	100%	<0,0090	<0,0090	0	100%	1	1	100%	---	---	---	---	0	0	0																		
Clorato	0,7	mg/l ClO ₃	0,143	0,143	0	100%	1	1	100%	0,161	0,161	0	100%	1	1	100%	<0,0080	<0,0080	0	100%	1	1	100%	---	---	---	---	0	0	0																		
Chumbo	10	µg/l Pb								<1,0	<1,0	0	100%	1	1	100%	<1,0	<1,0	0	100%	1	1	100%	<1,0	<1,0	0	100%	1	1	100%																		
Cobre	2,0	mg/l Cu								<0,010	<0,010	0	100%	1	1	100%	0,0031	0,0031	0	100%	1	1	100%	---	---	---	---	1	1	100%																		
Cromo	50	µg/l Cr								<1,0	<1,0	0	100%	1	1	100%	<1,0	<1,0	0	100%	1	1	100%	<1,0	<1,0	0	100%	1	1	100%																		
1,2-dicloroetano	3,0	µg/l								<0,750	<0,750	0	100%	1	1	100%	<0,750	<0,750	0	100%	1	1	100%	<0,750	<0,750	0	100%	1	1	100%																		
Dureza total	---	mg/l CaCO ₃								7,6	7,6	---	---	1	1	100%	14	14	---	---	1	1	100%	---	---	---	---	1	1	100%																		
Ferro	200	µg/l Fe								<40	<40	0	100%	1	1	100%	11,7	11,7	0	100%	1	1	100%	3,2	3,2	0	100%	1	1	100%																		
Fluoretos	1,5	mg/l F								<0,4	<0,4	0	100%	1	1	100%	<0,4	<0,4	0	100%	1	1	100%	<0,4	<0,4	0	100%	1	1	100%																		
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l								0	0	0	100%	1	1	100%	<0,02	<0,02	0	100%	1	1	100%	<0,02	<0,02	0	100%	1	1	100%																		
Benzol(b)fluoranteno	---	µg/l								<0,02	<0,02	---	---	1	1	100%	<0,02	<0,02	---	---	1	1	100%	<0,02	<0,02	---	---	1	1	100%																		
Benzol(k)fluoranteno	---	µg/l								<0,02	<0,02	---	---	1	1	100%	<0,02	<0,02	---	---	1	1	100%	<0,02	<0,02	---	---	1	1	100%																		
Benzol(a)pireno	---	µg/l								<0,02	<0,02	---	---	1	1	100%	<0,02	<0,02	---	---	1	1	100%	<0,02	<0,02	---	---	1	1	100%																		
Indeno(1,2,3-cd)pireno	---	µg/l								<0,02	<0,02	---	---	1	1	100%	<0,02	<0,02	---	---	1	1	100%	<0,02	<0,02	---	---	1	1	100%																		
Magnésio	---	mg/l Mg								<2,0	<2,0	---	---	1	1	100%	<2,0	<2,0	---	---	1	1	100%	<2,0	<2,0	---	---	1	1	100%																		
Manganês	50	µg/l Mn								3,4	3,4	0	100%	1	1	100%	1,32	1,32	0	100%	1	1	100%	---	---	---	---	1	1	100%																		
Nitrato	50	mg/l NO ₃								4	4	0	100%	1	1	100%	4	4	0	100%	1	1	100%	---	---	---	---	1	1	100%																		
Nitrito	0,50	mg/l NO ₂								0	0	0	100%	1	1	100%	<0,04	<0,04	0	100%	1	1	100%	<0,04	<0,04	0	100%	1	1	100%																		
Merúrio	1,0	µg/l Hg								<0,010	<0,010	0	100%	1	1	100%	<0,010	<0,010	0	100%	1	1	100%	<0,010	<0,010	0	100%	1	1	100%																		
Níquel	20	µg/l Ni								<2,0	<2,0	0	100%	1	1	100%	<2,																															

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente

(ERSAR).

Main data table with columns: Zona de Abastecimento (PARAMBOS/MISQUEL/SÃO PEDRO/VENDA NOVA, PENAFRIA, PEREIOS, POMBAL), Valor Paramétrico (VP), and various water quality parameters like E. Coli, Bacillus coli, Desinfetante residual, etc.

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): não ocorreram situações de incumprimentos dos VP. Responsável: Data da publicação no website:

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas no torneira do consumidor, segundo o Programa de Controlo de Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

ZONA DE ABASTECIMENTO: POMBAL LÁ

ZONA DE ABASTECIMENTO: PONTO DE ENTREGA A VILA FLOR - PE ALAGOÀ

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos				N.º Análises (PCQA)			N.º Análises (PCQA)			N.º Análises (PCQA)			
	VP	Unidade	Mínimo	Máximo	N.º Análises superiores VP	% Cumprimento do VP	Previstas	Realizadas	% Análises Realizadas	Mínimo	Máximo	N.º Análises superiores VP	% Cumprimento do VP	Previstas	Realizadas	% Análises Realizadas
Escherichia coli (E. Coli)	0	N/100 ml	0	0	0	100%	2	2	100%	0	0	0	100%	1	1	100%
Bactérias coliformes	0	N/100 ml	1	1	0	100%	2	2	100%	0	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	0,2	0,4	---	---	2	2	100%	<0,2	0,2	---	---	1	1	100%
Cheiro a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%	<1	<1	0	100%	1	1	100%
Sabor a 25 ºC	3	Fator de diluição	<1	<1	0	100%	1	1	100%	<1	<1	0	100%	1	1	100%
pH	8,5 a 9,5	Unidade pH	5,3	5,3	1	0%	1	1	100%	6,5	6,5	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 ºC	33	33	0	100%	1	1	100%	110	110	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5	<5	0	100%	1	1	100%	<5	<5	0	100%	1	1	100%
Turbidez	4	UNT	<0,50	<0,50	0	100%	1	1	100%	<0,5	<0,5	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC	---	N/ml	0	0	---	---	1	1	100%	0	0	---	---	1	1	100%
Número de colónias a 36 ºC	---	N/ml	0	0	---	---	1	1	100%	0	0	---	---	1	1	100%
Clostridium perfringens	0	N/100 ml	0	0	0	100%	1	1	100%	0	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	<30	<30	0	100%	1	1	100%	97	97	0	100%	1	1	100%
Amónio	0,60	mg/l NH ₄	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Arsénio	10	µg/l As	<1,0	<1,0	0	100%	1	1	100%	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benz(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	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chumbo	50	µg/l CN	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cloreto	250	mg/l Cl	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO ₂	0,339	0,339	0	100%	1	1	100%	1,01	1,01	1	0%	1	1	100%
Cloratos	0,7	mg/l ClO ₃	<0,11	0,11	0	100%	1	1	100%	0,144	0,144	0	100%	1	1	100%
Cromo	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	---	---	---	---	---	---	---	<40	<40	0	100%	1	1	100%
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(a)pireno	---	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrato	50	mg/l NO ₃	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrito	0,50	mg/l NO ₂	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oxalato	5,0	mg/l O ₂	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MACPA	0,10	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Desetilbutilazina	0,10	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diturfo	0,10	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Imidacloprida	0,10	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetracloreto	10	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetracloreto	---	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tricloreto	---	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trihalometanos - total (THM)	100	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoformio	---	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rádão	500	Bq/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
α - Total	0,1	Bq/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): relativamente ao incumprimento ocorrido no parâmetro pH a causa foi dosagem inadequada de reagente, a medida correctiva foi correção da dosagem de reagente no tratamento.

Responsável: _____ Data de publicação no website: _____

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): relativamente ao incumprimento ocorrido no parâmetro cloratos a causa foi dosagem inadequada de reagente, a medida correctiva foi correção da dosagem de reagente no tratamento.