



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE SOBRAL DE MONTE AGRAÇO

ZONA DE ABASTECIMENTO:

ZA4 - Zona de Abastecimento de Alcareia/Casal Encarnado¹

2.º TRIMESTRE 2022
(01/04/2022 a 30/06/2022)

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).

Parâmetros (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017, de 7 de dezembro	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,3	---	---	---	2	2	100%
Alumínio (µg/L Al)	200	< 50,0	---	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	10,0	---	---	100%	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	---	---	100%	1	1	100%
Condutividade (µS/cm a 20°C)	2500	132,9	0	0	100%	1	1	100%
Clostridium perfringens (N/100 ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	< 5,0	---	0	100%	1	1	100%
pH (unidades de pH)	≥6,5 e ≤9,5	7,2	---	0	100%	1	1	100%
Ferro (µg/L Fe)	200	< 50,0	---	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	< 3,0	---	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	< 3,0	---	0	100%	1	1	100%
Oxidabilidade (mg/L O ₂)	5	< 1,0	---	0	100%	1	1	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Manganês (µg/L Mn)	50	< 10,0	---	0	100%	1	1	100%
Turvação (UNT)	4	< 0,70	---	0	100%	1	1	100%
Antimónio ³ (µg/L Sb)	5	< 0,50*	---	---	---	---	---	---
Amónio (mg/L NH ₄)	0,50	< 0,05	---	0	100%	1	1	100%
Arsénio ³ (µg/L As)	10	< 0,50*	---	---	---	---	---	---
Benzeno ³ (µg/L)	1,0	< 0,30*	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,0050	---	0	100%	1	1	100%
Boro ³ (mg/L B)	1,0	< 0,02*	---	---	---	---	---	---
Bromatos ³ (µg/L BrO ₃)	10	< 3,0*	---	---	---	---	---	---
Cádmio ³ (µg/L Cd)	5,0	< 0,50*	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	17,9	---	---	---	1	1	100%
Chumbo (µg/L Pb)	10	< 3,0	---	0	100%	1	1	100%
Cianetos ³ (µg/L CN)	50	< 5,0*	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	< 0,010	---	0	100%	1	1	100%
Crómio (µg/L Cr)	50	< 10,0	---	0	100%	1	1	100%
Cloratos ³ (mg/L Cl)	250	16	---	---	---	---	---	---
1,2 - dicloroetano ³ (µg/L)	3,0	< 0,10*	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	57,1	---	---	---	1	1	100%
Fluoretos ³ (me/L F)	1,5	< 0,10*	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	3,0	---	---	---	1	1	100%
Mercurio ³ (µg/L Hg)	1,0	< 0,20*	---	---	---	---	---	---
Nitratos ³ (mg/L NO ₃)	50	2,26*	---	---	---	---	---	---
Nitritos (mg/L NO ₂)	0,5	< 0,02	---	0	100%	1	1	100%
Níquel (µg/L Ni)	20	< 5,0	---	0	100%	1	1	100%
Selénio ³ (µg/L Se)	10	< 2,0*	---	---	---	---	---	---
Sódio (me/L Na)	200	11,9*	---	---	---	---	---	---
Sulfatos ³ (me/L SO ₄)	250	26,2*	---	---	---	---	---	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Dose indicativa total ² (mSv/ano)	0,10	---	---	---	---	---	---	---
Actividade alfa total ² (referida a Am) (Bq/L)	0,1	---	---	---	---	---	---	---
Actividade beta total ² (referida a K) (Bq/L)	1,0	---	---	---	---	---	---	---
Radão (Bq/L)	500	< 10,0	---	0	100%	1	1	100%
Soma Tetracloroetano e Tricloroetano ³ (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano ³ (µg/L)	---	< 0,10*	---	---	---	---	---	---
Tricloroetano ³ (µg/L)	---	< 1,0 *	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,020	---	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Índeno(1,2,3-cd)pireno (µg/L)	---	< 0,020	---	---	---	1	1	100%
Trihalometanos - total (µg/L):	100	23,8	---	0	100%	1	1	100%
Clorofórmio (µg/L)	---	11,0	---	---	---	1	1	100%
Bromofórmio (µg/L)	---	0,45	---	---	---	1	1	100%
Bromodiclorometano (µg/L)	---	7,64	---	---	---	1	1	100%
Dibromoclorometano (µg/L)	---	4,74	---	---	---	1	1	100%
Pesticidas - total ³ (µg/L)	0,50	< 0,03*	---	---	---	---	---	---
Alacloro ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Atrazina ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Bentazona ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Clorpirifos ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Desetilbtrazina ³ (µg/L)	0,10	---	---	---	---	---	---	---
Desetilsimazina ³ (µg/L)	0,10	---	---	---	---	---	---	---
Desetilbtriazina ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Dimetato ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Dinirão ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Imidacloprido ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Isoproturão ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Linurão ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
MCPA ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Metalaxil ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Metolaclo ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Ometato ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Oxamit ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Simazina ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---
Terbutilazina ³ (µg/L)	0,10	< 0,03*	---	---	---	---	---	---

Nota 1: Zona de Abastecimento controlada: ZA4 - Zona de Abastecimento de Alcareia/Casal Encarnado [Pontos de amostragem: Alcareia (casa particular - Rua Principal); Casal Encarnado (casa particular - Rua Principal)].

Nota 2: Parâmetros (conservativos) analisados pela entidade gestora "cm Alta": CM de Arruda dos Vinhos. Valores enviados pela entidade gestora no dia 30 de novembro de 2022.

Nota: Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Não foram registados incumprimentos neste trimestre.

Presidente da Câmara, José Alberto Quintino, Eng.º

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