



**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 2020
(01/04/2020 a 30/06/2020)

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)	---	0,2	0,3	---	---	2	2	100%
Alumínio (µg/L Al)	200	< 50	---	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	1	---	---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	1	---	---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	160	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	8,2	0	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	1,2	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%
Turbacão (UNT)	4	< 0,7	0	0	100%	1	1	100%
Antimónio ² (µg/L Sb)	5	---	---	---	---	---	---	---
Amónio (mg/L NH ₄)	0,50	< 0,05	0	0	100%	1	1	100%
Arsénio ² (µg/L As)	10	---	---	---	---	---	---	---
Benzeno ² (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	< 0,0050	0	0	100%	1	1	100%
Boro ² (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos ² (µg/L BrO ₃)	10	---	---	---	---	---	---	---
Cádmio ² (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	22	---	---	---	1	1	100%
Chumbo (µg/L Pb)	10	< 3,0	0	0	100%	1	1	100%
Cianetos ² (µg/L Cn)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	0,027	0	0	100%	1	1	100%
Crómio (µg/L Cr)	50	< 10	0	0	100%	1	1	100%
Cloretos ² (mg/L Cl)	250	---	---	---	---	---	---	---
1,2 - dicloroetano ² (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	67	---	---	---	1	1	100%
Fluoretos ² (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	3	---	---	---	1	1	100%
Mercúrio ² (µg/L Hg)	1,0	---	---	---	---	---	---	---
Nitratos ² (mg/L NO ₃)	50	---	---	---	---	---	---	---
Nitritos (mg/L NO ₂)	0,5	< 0,02	0	0	100%	1	1	100%
Níquel (µg/L Ni)	20	21	1	1	0%	1	1	100%
Selénio ² (µg/L Se)	10	---	---	---	---	---	---	---
Sódio ² (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos ² (mg/L SO ₄)	250	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---
Soma Tetracloroetano e Tricloroetano ² (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano ² (µg/L)	---	---	---	---	---	---	---	---
Hydrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	< 0,020	0	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%
Indeno(1,2,3-cd)pireno(µg/L)	---	< 0,020	---	---	---	1	1	100%
Trihalometanos - total (µg/L):	100	28,4	0	0	100%	1	1	100%
Clorofórmio(µg/L)	---	14,5	---	---	---	1	1	100%
Bromofórmio(µg/L)	---	0,51	---	---	---	1	1	100%
Bromodiclorometano(µg/L)	---	9,12	---	---	---	1	1	100%
Dibromoclorometano(µg/L)	---	4,26	---	---	---	1	1	100%
Pesticidas - total ² (µg/L)	0,50	---	---	---	---	---	---	---
Alacloro ² (µg/L)	0,10	---	---	---	---	---	---	---
Atrazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Bentazona ² (µg/L)	0,10	---	---	---	---	---	---	---
Clornirifos ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetilatraxina ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetilsimazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Desetilterbutilazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Dimetoato ² (µg/L)	0,10	---	---	---	---	---	---	---
Diurão ² (µg/L)	0,10	---	---	---	---	---	---	---
Imidaclopride ² (µg/L)	0,10	---	---	---	---	---	---	---
Isoproturão ² (µg/L)	0,10	---	---	---	---	---	---	---
Linurão ² (µg/L)	0,10	---	---	---	---	---	---	---
MCPA ² (µg/L)	0,10	---	---	---	---	---	---	---
Metalaxil ² (µg/L)	0,10	---	---	---	---	---	---	---
Metolaclo ² (µg/L)	0,10	---	---	---	---	---	---	---
Ometoato ² (µg/L)	0,10	---	---	---	---	---	---	---
Oxamil ² (µg/L)	0,10	---	---	---	---	---	---	---
Simazina ² (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina ² (µg/L)	0,10	---	---	---	---	---	---	---

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

Nota 2: Parâmetros (conservativos) analisados pela entidade gestora "em Alta": CM de Arruda dos Vinhos.

Nota: Informação complementar relativa à averiguação das situações de incumprimento ao parâmetro Níquel: a repetição das amostragens e das análises confirmaram a regularização da situação. A Autoridade de Saúde considerou não existir risco para a saúde humana.

Presidente da Câmara, José Alberto Quintino, Eng.º

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