

Controlo de qualidade da água destinada ao consumo humano

Município de Coimbra - Zona de Abastecimento Quinta das Cunhas - 4º Trimestre 2021

Divulgação dos resultados de qualidade da água distribuída pela AC, Águas de Coimbra, E.M. obtidos na zona de abastecimento de Quinta das Cunhas, segundo o Programa de Controlo de Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR - Entidade Reguladora dos Serviços de Águas e Resíduos) e de acordo com o Decreto-Lei n.º 306/2007, de 27 de agosto, na sua redação atual e pelo Decreto-Lei n.º 23/2016, de 3 de junho.

Parâmetro	Unidades	Nº de análises previstas (PCQA)	% análises realizadas	Valor Paramétrico (VP)	Valores Obtidos		% análises que cumprem o VP
					Mínimo	Máximo	
CR1 - Controlo de Rotina 1							
Desinfetante residual	mg/L Cl	2	100	---	0,4	0,8	---
Bactérias Coliformes	N/100 mL	2	100	0	0	0	100
Escherichia Coli	N/100 mL	2	100	0	0	0	100
CR2 - Controlo de Rotina 2							
Cheiro, a 25°C	Fator diluição	---	---	3	---	---	---
Condutividade	µS/cm a 20°C	---	---	2500	---	---	---
Cor	mg/L Pt-Co	---	---	20	---	---	---
Enterococos	N/100 mL	---	---	0	---	---	---
Manganês	µg/L Mn	---	---	50	---	---	---
Número de colónias a 22°C	N/mL	---	---	sem alteração anormal	---	---	---
Número de colónias a 37°C	N/mL	---	---	sem alteração anormal	---	---	---
Oxidabilidade	mg/L O ₂	---	---	5,0	---	---	---
pH	Esc. Sorensen	---	---	6,5 - 9,5	---	---	---
Sabor, a 25°C	Fator diluição	---	---	3	---	---	---
Turvação	NTU	---	---	4	---	---	---
CI - Controlo de Inspeção							
(*) 1,2-Dicloroetano	µg/L	1	100	3,0	<0,3	<0,3	100
Alumínio	µg/L Al	---	---	200	---	---	---
Amónio	mg/L NH4	---	---	0,50	---	---	---
(*) Antimónio	µg/L Sb	1	100	5,0	<0,05	<0,05	100
(*) Arsénio	µg/L As	1	100	10	0,57	0,57	100
(*) Benzeno	µg/L	1	100	1,0	<0,3	<0,3	100
Benzo(a)pireno	µg/L	---	---	0,010	---	---	---
(*) Boro	mg/L B	1	100	1,0	<0,10	<0,10	100
(*) Bromatos	µq/L BrO ₃	1	100	10	<3	<3	100
(*) Cádmio	µg/L Cd	1	100	5,0	<1,0	<1,0	100
Cálcio	mg/L Ca	---	---	---	---	---	---
Chumbo	µg/L Pb	---	---	10	---	---	---
(*) Cianetos	µg/L Cn	1	100	50	<1,0	<1,0	100
(*) Cloretos	mg/L Cl	1	100	250	13	13	100
Clostridium Perfringens	N/100 mL	---	---	0	---	---	---
(*) Tetracloroeteno e Tricloroeteno	µg/L	1	100	10	<3	<3	100
(*) Tetracloroeteno	µg/L	1	100	---	<3	<3	---
(*) Tricloroeteno	µg/L	1	100	---	<0,3	<0,30	---
Cobre	mg/L Cu	---	---	2,0	---	---	---
Crómio	µg/L Cr	---	---	50	---	---	---
Dureza Total	mg/L CaCO ₃	---	---	---	---	---	---
Ferro	µg/L Fe	---	---	200	---	---	---
(*) Fluoretos	mg/L F	1	100	1,5	<0,10	<0,10	100
Hidrocarbonetos Aromáticos Policíclicos (HAP)	µg/L	---	---	0,10	---	---	---
HAP Benzo[b]fluoranteno	µg/L	---	---	---	---	---	---
HAP Benzo[ghi]perileno	µg/L	---	---	---	---	---	---
HAP Benzo[k]fluoranteno	µg/L	---	---	---	---	---	---
HAP Indeno[1,2,3-cd]pireno	µg/L	---	---	---	---	---	---
Magnésio	mg/L Mg	---	---	---	---	---	---
(*) Mercúrio	µg/L Hg	1	100	1,0	<0,30	<0,30	100
Níquel	µg/L Ni	---	---	20	---	---	---
(*) Nitratos	mg/L NO ₃	1	100	50	2,5	2,5	100
Nitritos	mg/L NO ₂	---	---	0,50	---	---	---
(*) Pesticidas (PEST) Total	µg/L	1	100	0,50	<0,014	<0,014	100
(*) PEST Alacloro	µg/L	1	100	0,10	<0,014	<0,014	100
(*) PEST Bentazona	µg/L	1	100	0,10	<0,014	<0,014	100
(*) PEST Clorpirifos	µg/L	0	---	0,10	---	---	---
(*) PEST Desetilterbutazina	µg/L	1	100	0,10	<0,014	<0,014	100
(*) PEST Dimetoato	µg/L	1	100	0,10	<0,014	<0,014	100
(*) PEST Diurão	µg/L	1	100	0,10	<0,014	<0,014	100
(*) PEST Imidaclorpride	µg/L	0	---	0,10	---	---	---
(*) PEST Metolacloro	µg/L	1	100	0,10	<0,014	<0,014	100
(*) PEST MCPA	µg/L	1	100	0,10	<0,014	<0,014	100
(*) PEST Ometoato	µg/L	1	100	0,10	<0,014	<0,014	100
(*) PEST Oxadiazão	µg/L	0	---	0,10	---	---	---
(*) PEST Terbutilazina	µg/L	1	100	0,10	<0,014	<0,014	100
Dose Indicativa Total	mSv	---	---	0,10	---	---	---
(*) α-Total	Bq/L	1	100	---	<0,04	<0,04	100
Radão (W-RN222LSC-10)	Bq/L	0	---	500	---	---	---
(*) Selénio	µg/L Se	1	100	10	<0,5	<0,5	100
(*) Sódio	mg/L Na	1	100	200	9,5	9,5	100
(*) Sulfatos	mg/L SO ₄	1	100	250	8	8	100
Trihalometanos (THM) Total	µg/L	---	---	100	---	---	---
THM Bromodiclorometano	µg/L	---	---	---	---	---	---
THM Bromofórmio	µg/L	---	---	---	---	---	---
THM Clorodibromometano	µg/L	---	---	---	---	---	---
THM Clorofórmio	µg/L	---	---	---	---	---	---

Ensaios e coleta de amostras realizados pelo Laboratório SUMALAB (acreditado pelo IPAC, segundo a norma NP EN ISO 17025, e considerado apto para o controlo da qualidade da água para consumo humano pela autoridade competente-ERSAR)

(*) Parâmetros (conservativos) analisados pela entidade gestora em alta (Câmara Municipal de Condeixa)

Informação complementar relativa à averiguação das situações de incumprimentos dos Valores Paramétricos (VP):
Não foi detetada nenhuma situação de incumprimento na Zona de Abastecimento de Quinta das Cunhas.

O Presidente do Conselho de Administração (José Alfeu Almeida de Sá Marques)