

Controlo de qualidade da água destinada ao consumo humano
Município de Coimbra - Zona de Abastecimento Quinta das Cunhas - 1º 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	1	100	---	0,50	0,50	100
Bactérias Coliformes	N/100 mL	1	100	0	0	0	100
Escherichia Coli	N/100 mL	1	100	0	0	0	100
CR2 - Controlo de Rotina 2							
Cheiro, a 25°C	Fator diluição	1	100	3	<1	<1	100
Condutividade	µS/cm a 20°C	1	100	2500	104	104	100
Cor	mg/L Pt-Co	1	100	20	<3,0	<3,0	100
Enterococos	N/100 mL	1	100	0	0	0	100
Manganês	µg/L Mn	1	100	50	0,60	0,60	100
Número de colónias a 22°C	N/mL	1	100	sem alteração anormal	9	9	100
Número de colónias a 37°C	N/mL	1	100	sem alteração anormal	4	4	100
Oxidabilidade	mg/L O₂	1	100	5,0	2,2	2,2	100
pH	Esc. Sorensen	1	100	6,5 - 9,5	6,9	6,9	100
Sabor, a 25°C	Fator diluição	1	100	3	<1	<1	100
Turvação	NTU	1	100	4	<1,0	<1,0	100
CI - Controlo de Inspeção							
(*) 1,2-Dicloroetano	µg/L	---	---	3,0	---	---	---
Alumínio	µg/L Al	1	100	200	<5,0	<5,0	100
Amónio	mg/L NH4	1	100	0,50	<0,05	<0,05	100
(*) Antimónio	µg/L Sb	---	---	5,0	---	---	---
(*) Arsénio	µg/L As	---	---	10	---	---	---
(*) Benzeno	µg/L	---	---	1,0	---	---	---
Benzo(a)pireno	µg/L	1	100	0,010	<3,0E-03	<3,0E-03	100
(*) Boro	mg/L B	---	---	1,0	---	---	---
(*) Bromatos	µg/L BrO₃	---	---	10	---	---	---
(*) Cádmio	µg/L Cd	---	---	5,0	---	---	---
Cálcio	mg/L Ca	1	100	---	7,6	7,6	100
Chumbo	µg/L Pb	1	100	10	<1,0	<1,0	100
(*) Cianetos	µg/L Cn	---	---	50	---	---	---
(*) Cloretos	mg/L Cl	---	---	250	---	---	---
Clostridium Perfringens	N/100 mL	1	100	0	0	0	100
(*) Tetracloroetano e Tricloroetano	µg/L	---	---	10	---	---	---
(*) Tetracloroetano	µg/L	---	---	---	---	---	---
(*) Tricloroetano	µg/L	---	---	---	---	---	---
Cobre	mg/L Cu	1	100	2,0	4,60E-3	4,60E-3	100
Crómio	µg/L Cr	1	100	50	<1,0	<1,0	100
Dureza Total	mg/L CaCO₃	1	100	---	<3,0	<3,0	100
Ferro	µg/L Fe	1	100	200	<60	<60	100
(*) Fluoretos	mg/L F	---	---	1,5	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	µg/L	1	100	0,10	<2,00E-02	<2,00E-02	100
HAP Benzo[b]fluoranteno	µg/L	1	100	---	<2,00E-02	<2,00E-02	100
HAP Benzo[ghi]perileno	µg/L	1	100	---	<2,00E-02	<2,00E-02	100
HAP Benzo[k]fluoranteno	µg/L	1	100	---	<2,00E-02	<2,00E-02	100
HAP Indeno[1,2,3-cd]pireno	µg/L	1	100	---	<2,00E-02	<2,00E-02	100
Magnésio	mg/L Mg	1	100	---	1,93	1,93	100
(*) Mercúrio	µg/L Hg	---	---	1,0	---	---	---
Níquel	µg/L Ni	1	100	20	<2,0	<2,0	100
(*) Nitratos	mg/L NO₃	---	---	50	---	---	---
Nitritos	mg/L NO₂	1	100	0,50	<0,10	<0,10	100
(*) Pesticidas (PEST) Total	µg/L	---	---	0,50	---	---	---
(*) PEST Alacolor	µg/L	---	---	0,10	---	---	---
(*) PEST Bentazona	µg/L	---	---	0,10	---	---	---
(*) PEST Clorpirifos	µg/L	---	---	0,10	---	---	---
(*) PEST Desetilterbutazina	µg/L	---	---	0,10	---	---	---
(*) PEST Dimetoato	µg/L	---	---	0,10	---	---	---
(*) PEST Diurão	µg/L	---	---	0,10	---	---	---
(*) PEST Imidaclopride	µg/L	---	---	0,10	---	---	---
(*) PEST Metolacolor	µg/L	---	---	0,10	---	---	---
(*) PEST MCPA	µg/L	---	---	0,10	---	---	---
(*) PEST Ometoato	µg/L	---	---	0,10	---	---	---
(*) PEST Oxadiazão	µg/L	---	---	0,10	---	---	---
(*) PEST Terbutilazina	µg/L	---	---	0,10	---	---	---
(*) Dose Indicativa Total	mSv	---	---	0,10	---	---	---
(*) α-Total	Bq/L	---	---	---	---	---	---
Radão (W-RN222LSC-10)	Bq/L	1	100	500	<10,0	<10,0	100
(*) Selénio	µg/L Se	---	---	10	---	---	---
(*) Sódio	mg/L Na	---	---	200	---	---	---
(*) Sulfatos	mg/L SO₄	---	---	250	---	---	---
Trihalometanos (THM) Total	µg/L	1	100	100	17,5	17,5	100
THM Bromodiclorometano	µg/L	1	100	---	5,92	5,92	100
THM Bromofórmio	µg/L	1	100	---	0,65	0,65	100
THM Clorodibromometano	µg/L	1	100	---	5,30	5,30	100
THM Clorofórmio	µg/L	1	100	---	5,63	5,63	100

Ensaios e colheita 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 (Victor Manuel Carvalho dos Santos)