

## Controlo de qualidade da água destinada ao consumo humano

### Município de Coimbra - Zona de Abastecimento Quinta das Cunhas - 4º Trimestre 2023

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 o Artigo 32º do Decreto-Lei nº69/2023, de 21 de agosto.

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	---	0,35	0,47	---
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	---	---	---
pH	Esc. Sorensen	---	---	≥6,5 e ≤9,5	---	---	---
Sabor, a 25°C	Fator diluição	---	---	3	---	---	---
Turvação	NTU	---	---	4	---	---	---
CI - Controlo de Inspeção							
1,2-Dicloroetano	µg/L	---	---	3,0	---	---	---
Alumínio	µg/L Al	---	---	200	---	---	---
Amónio	mg/L NH4	---	---	0,50	---	---	---
Antimónio	µg/L Sb	---	---	10,0	---	---	---
Arsénio	µg/L As	---	---	10	---	---	---
Benzeno	µg/L	---	---	1,0	---	---	---
Benzo(a)pireno	µg/L	---	---	0,010	---	---	---
Boro	mg/L B	---	---	1,5	---	---	---
Bromatos	µg/L BrO <sub>3</sub>	---	---	10	---	---	---
Cádmio	µg/L Cd	---	---	5,0	---	---	---
Cálcio	mg/L Ca	---	---	---	---	---	---
Chumbo	µg/L Pb	---	---	10	---	---	---
Cianetos	µg/L Cn	---	---	50	---	---	---
Cloretos	mg/L Cl	---	---	250	---	---	---
Clostridium Perfringens	N/100 mL	---	---	0	---	---	---
Tetracloroetano e Tricloroetano	µg/L	---	---	10	---	---	---
Tetracloroetano	µg/L	---	---	---	---	---	---
Tricloroetano	µg/L	---	---	---	---	---	---
Cobre	mg/L Cu	---	---	2,0	---	---	---
Crómio	µg/L Cr	---	---	50	---	---	---
Dureza Total	mg/L CaCO <sub>3</sub>	---	---	---	---	---	---
Ferro	µg/L Fe	---	---	200	---	---	---
Fluoretos	mg/L F	---	---	1,5	---	---	---
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	---	---	---	---	---	---
Mercurio	µg/L Hg	---	---	1,0	---	---	---
Níquel	µg/L Ni	---	---	20	---	---	---
Nitratos	mg/L NO <sub>3</sub>	---	---	50	---	---	---
Nitritos	mg/L NO <sub>2</sub>	---	---	0,50	---	---	---
Oxidabilidade	mg/L O <sub>2</sub>	---	---	5,0	---	---	---
Pesticidas (PEST) Total	µg/L	---	---	0,50	---	---	---
PEST Alacloro	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 Metolaclo	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	---	---	---
Atividade α-Total	Bq/L	---	---	0,10 (nível de verificação)	---	---	---
Radão (W-RN222LSC-10)	Bq/L	---	---	500	---	---	---
Selénio	µg/L Se	---	---	20	---	---	---
Sódio	mg/L Na	---	---	200	---	---	---
Sulfatos	mg/L SO <sub>4</sub>	---	---	250	---	---	---
Trihalometanos (THM) Total	µg/L	---	---	100	---	---	---
THM Bromodichlorometano	µg/L	---	---	---	---	---	---
THM Bromofórmio	µg/L	---	---	---	---	---	---
THM Clorodibromometano	µg/L	---	---	---	---	---	---
THM Clorofórmio	µg/L	---	---	---	---	---	---
Outro conforme art.º 32 do Decreto-Lei 69/2023, de 21 de agosto							
Potássio	mg/L K	2	---	---	1.43	1.47	---

Ensaio e coleta de amostras realizados pelo Laboratório Lusãgua - Serviços Ambientais, S.A. (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 (Professor Doutor José Alfeu Almeida de Sá Marques)