

## Controlo de qualidade da água destinada ao consumo humano

### Município de Coimbra - Zona de Abastecimento Quinta das Cunhas - 3º trimestre 2018

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 com as alterações introduzidas pelos Decreto-Lei n.º 23/2016, de 3 de junho e Decreto-Lei n.º 152/2017, de 7 de dezembro.

Parâmetro	Unidades	Nº de análises previstas (PCQA)	% análises realizadas	Valor Paramétrico (VP) fixado pelo DL nº 306/2007	Valores Obtidos		% análises que cumprem o VP
					Mínimo	Máximo	
CR1 - Controlo de Rotina 1							
Cloro Residual Livre	mg/L Cl	1	100%	---	0,16	0,16	---
Coliformes Totais	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							
Azoto Amoniacal	mg/L NH4	0	---	0,50	---	---	---
Cheiro, a 25°C	Fator diluição	0	---	3	---	---	---
Condutividade	µS/cm a 20°C	0	---	2500	---	---	---
Cor	mg/L Pt-Co	0	---	20	---	---	---
Manganês	µg/L Mn	0	---	50	---	---	---
Microrganismos 22°C	N/mL	0	---	sem alteração anormal	---	---	---
Microrganismos 36°C	N/mL	0	---	sem alteração anormal	---	---	---
(*) Nitratos	mg/L NO <sub>3</sub>	0	---	50	---	---	---
Oxidabilidade	mg/L O <sub>2</sub>	0	---	5	---	---	---
pH	Esc. Sorensen	0	---	6,5 - 9	---	---	---
Sabor, a 25°C	Fator diluição	0	---	3	---	---	---
Turvação	NTU	0	---	4	---	---	---
CI - Controlo de Inspeção							
(*) 1,2-Dicloroetano	µg/L	0	---	3,0	---	---	---
Alumínio	µg/L Al	0	---	200	---	---	---
(*) Antimónio	µg/L Sb	0	---	5,0	---	---	---
(*) Arsénio	µg/L As	0	---	10	---	---	---
(*) Benzeno	µg/L	0	---	1,0	---	---	---
Benzo(a)pireno	µg/L	0	---	0,010	---	---	---
(*) Boro	mg/L B	0	---	1,0	---	---	---
(*) Bromatos	µg/L BrO <sub>3</sub>	0	---	10	---	---	---
(*) Cádmio	µg/L Cd	0	---	5,0	---	---	---
Cálcio	mg/L Ca	0	---	---	---	---	---
Chumbo	µg/L Pb	0	---	10	---	---	---
(*) Cianetos	µg/L Cn	0	---	50	---	---	---
(*) Cloretos	mg/L Cl	0	---	250	---	---	---
Clostridium Perfringens	N/100 mL	0	---	0	---	---	---
(*) Tetracloroetano e Tricloroetano	µg/L	0	---	10	---	---	---
(*) Tetracloroetano	µg/L	0	---	---	---	---	---
(*) Tricloroetano	µg/L	0	---	---	---	---	---
Cobre	mg/L Cu	0	---	2	---	---	---
(*) Crómio	µg/L Cr	0	---	50	---	---	---
Dureza Total	mg/L CaCo <sub>3</sub>	0	---	---	---	---	---
Enterococos	N/100 mL	0	---	0	---	---	---
Ferro	µg/L Fe	0	---	200	---	---	---
(*) Fluoretos	mg/L F	0	---	1,5	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	µg/L	0	---	0,10	---	---	---
HAP Benzo[b]fluoranteno	µg/L	0	---	---	---	---	---
HAP Benzo[ghi]perileno	µg/L	0	---	---	---	---	---
HAP Benzo[k]fluoranteno	µg/L	0	---	---	---	---	---
HAP Indeno[1,2,3-cd]pireno	µg/L	0	---	---	---	---	---
Magnésio	mg/L Mg	0	---	---	---	---	---
(*) Mercúrio	µg/L Hg	0	---	1	---	---	---
Níquel	µg/L Ni	0	---	20	---	---	---
Nitritos	mg/L NO <sub>2</sub>	0	---	0,5	---	---	---
(*) Pesticidas (PEST) Total	µg/L	0	---	0,50	---	---	---
(*) PEST Alacloro	µg/L	0	---	0,10	---	---	---
(*) PEST Bentazona	µg/L	0	---	0,10	---	---	---
(*) PEST Desetilterbutazina	µg/L	0	---	0,10	---	---	---
(*) PEST Diurão	µg/L	0	---	0,10	---	---	---
(*) PEST Terbutilazina	µg/L	0	---	0,10	---	---	---
Radão	Bq/L Rn	0	---	500	---	---	---
(*) Dose Indicativa Total	mSv	0	---	0,10	---	---	---
(*) α-Total	Bq/L	0	---	---	---	---	---
(*) β-Total	Bq/L	0	---	---	---	---	---
(*) Selénio	µg/L Se	0	---	10	---	---	---
(*) Sódio	mg/L Na	0	---	200	---	---	---
(*) Sulfatos	mg/L SO <sub>4</sub>	0	---	250	---	---	---
Trihalometanos (THM) Total	µg/L	0	---	100	---	---	---
THM Bromodichlorometano	µg/L	0	---	---	---	---	---
THM Bromofórmio	µg/L	0	---	---	---	---	---
THM Clorodibromometano	µg/L	0	---	---	---	---	---
THM Clorofórmio	µg/L	0	---	---	---	---	---

Ensaio e colheita de amostras realizados pelo Laboratório Cesab (acreditado pelo IPAC, segundo a NP EN ISO/IEC 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)

