

Controlo de qualidade da água destinada ao consumo humano
Município de Coimbra - Zona de Abastecimento Quinta das Cunhas - 2º trimestre 2016

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.

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	---	0,2	0,2	---
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	---	---	---
Microorganismos 22°C	N/mL	0	---	sem alteração anormal	---	---	---
Microorganismos 37°C	N/mL	0	---		---	---	---
Nitratos	mg/L NO ₃	1	100	50	<10	<10	100
Oxidabilidade	mg/L O ₂	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 ₃	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 ₃	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	---	---	---	---	---
Mercurio	µg/L Hg	0	---	1	---	---	---
Níquel	µg/L Ni	0	---	20	---	---	---
Nitritos	mg/L NO ₂	0	---	0,5	---	---	---
Pesticidas (PEST) Total	µg/L	0	---	0,50	---	---	---
PEST Alacloro	µg/L	0	---	0,10	---	---	---
PEST Atrazina	µg/L	0	---	0,10	---	---	---
PEST Desetilatrazina	µg/L	0	---	0,10	---	---	---
PEST Desetilterbutazina	µg/L	0	---	0,10	---	---	---
PEST Diurão	µg/L	0	---	0,10	---	---	---
PEST Linurão	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 ₄	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	---	---	---	---	---

Ensaios e coleta de amostras realizados pelo Laboratório Pró-Qualidade (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.

