

Controlo de qualidade da água destinada ao consumo humano
Município de Coimbra - Zona de Abastecimento Quinta das Cunhas - 4º trimestre 2015

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	2	100	---	0,2	0,5	---	
Coliformes Totais	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								
Azoto Amoniacal	mg/L NH4	1	100	0,50	<0,02	<0,02	100	
Cheiro, a 25°C	Fator diluição	1	100	3	<1	<1	100	
Condutividade	µS/cm a 20°C	1	100	2500	158	158	100	
Cor	mg/L Pt-Co	1	100	20	2,4	2,4	100	
Manganês	µg/L Mn	1	100	50	<15	<15	100	
Microorganismos 22°C	N/mL	1	100	sem alteração anormal	2	2	100	
Microorganismos 37°C	N/mL	1	100	sem alteração anormal	2	2	100	
(*) Nitratos	mg/L NO ₃	0	---	50	---	---	---	
Oxidabilidade	mg/L O ₂	1	100	5	<1,0	<1,0	100	
pH	Esc. Sorensen	1	100	6,5 - 9	7,1	7,1	100	
Sabor, a 25°C	Fator diluição	1	100	3	<1	<1	100	
Turvação	NTU	1	100	4	<0,5	<0,5	100	
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	---	---	---	---	---	
(*) Mercúrio	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 Bentazona	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	---	---	---	
(*) 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 colheita 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.

