

Controlo de qualidade da água destinada ao consumo humano
Município de Coimbra - Zona de Abastecimento Olhos de Fervença - 4º trimestre 2019

Divulgação dos resultados de qualidade da água distribuída pela AC, Águas de Coimbra, E.M. obtidos na zona de abastecimento de Olhos de Fervença, 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)	Valores Obtidos		% análises que cumprem o VP
					Mínimo	Máximo	
CR1 - Controlo de Rotina 1							
Desinfetante residual	mg/L Cl	3	100%	---	0,20	0,22	---
Bactérias Coliformes	N/100 mL	3	100%	0	0	0	100%
Escherichia Coli	N/100 mL	3	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	470	470	100%
Cor	mg/L Pt-Co	1	100%	20	<5	<5	100%
Enterococos	N/100 mL	1	100%	0	0	0	100%
Número de colónias a 22°C	N/mL	1	100%	sem alteração anormal	0	0	---
Número de colónias a 37°C	N/mL	1	100%	sem alteração anormal	0	0	---
Oxidabilidade	mg/L O ₂	1	100%	5,0	<2,0	<2,0	100%
pH	Esc. Sorensen	1	100%	6,5 - 9,5	7,8	7,8	100%
Sabor, a 25°C	Fator diluição	1	100%	3	<1	<1	100%
Turvação	NTU	1	100%	4	<0,3	<0,3	100%
CI - Controlo de Inspeção							
1,2-Dicloroetano	µg/L	0	---	3,0	---	---	---
Alumínio	µg/L Al	0	---	200	---	---	---
Amónio	mg/L NH4	0	---	0,50	---	---	---
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	---	2,0	---	---	---
Crómio	µg/L Cr	0	---	50	---	---	---
Dureza Total	mg/L CaCo ₃	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	---	---	---	---	---
Manganês	µg/L Mn	0	---	50	---	---	---
Mercurio	µg/L Hg	0	---	1,0	---	---	---
Níquel	µg/L Ni	0	---	20	---	---	---
Nitratos	mg/L NO ₃	0	---	50	---	---	---
Nitritos	mg/L NO ₂	0	---	0,50	---	---	---
Pesticidas (PEST) Total	µg/L	0	---	0,50	---	---	---
PEST Alacloro	µg/L	0	---	0,10	---	---	---
PEST Bentazona	µg/L	0	---	0,10	---	---	---
PEST Clorpirifos	µg/L	0	---	0,10	---	---	---
PEST Desetilterbutazina	µg/L	0	---	0,10	---	---	---
PEST Dimetoato	µg/L	0	---	0,10	---	---	---
PEST Diurão	µg/L	0	---	0,10	---	---	---
PEST Imidaclopride	µg/L	0	---	0,10	---	---	---
PEST Metolaclo	µg/L	0	---	0,10	---	---	---
PEST MCPA	µg/L	0	---	0,10	---	---	---
PEST Ometoato	µg/L	0	---	0,10	---	---	---
PEST Oxadiazão	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 Bromodiclorometano	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 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 (Inova, E.M.)

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 Olhos de Fervença.

O Presidente do Conselho de Administração (Victor Manuel Carvalho dos Santos)

