

## Controlo de qualidade da água destinada ao consumo humano Município de Coimbra - Zona de Abastecimento Olhos de Fervença - 1º Trimestre 2024

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 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		
<b>CR1 - Controlo de Rotina 1</b>								
Desinfetante residual	mg/L Cl	3	100	---	0,25	0,33	100	
Bactérias Coliformes	N/100 mL	3	100	0	0	0	100	
Escherichia Coli	N/100 mL	3	100	0	0	0	100	
<b>CR2 - Controlo de Rotina 2</b>								
Cheiro, a 25°C	Fator diluição	1	100	3	<1	<1	100	
Condutividade	µS/cm a 20°C	1	100	2500	500	500	100	
Cor	mg/L Pt-Co	1	100	20	<3,0	<3,0	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	---	
pH	Esc. Sorensen	1	100	≥6,5 e ≤9,5	7,9	7,9	100	
Sabor, a 25°C	Fator diluição	1	100	3	<1	<1	100	
Turvação	NTU	1	100	4	<1,0	<1,0	100	
<b>CI - Controlo de Inspeção</b>								
(*) 1,2-Dicloroetano	µg/L	---	---	3,0	---	---	---	
Alumínio	µg/L Al	---	---	200	---	---	---	
Amónio	mg/L NH4	---	---	0,50	---	---	---	
(*) Antimónio	µg/L Sb	---	---	10	---	---	---	
(*) 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	---	---	---	
Cloratos	mg/L ClO <sub>3</sub>	---	---	0,25	---	---	---	
(*) Cloretos	mg/L Cl	---	---	250	---	---	---	
Cloritos	mg/L ClO <sub>2</sub>	---	---	0,25	---	---	---	
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	---	---	---	---	---	---	
Manganês	µg/L Mn	---	---	50	---	---	---	
(*) Mercúrio	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	---	---	0,5	---	---	---	
(*) PEST 2,4-D	µg/L	---	---	0,10	---	---	---	
(*) PEST Bentazona	µg/L	---	---	0,10	---	---	---	
(*) PEST Clorpirifos	µg/L	---	---	0,10	---	---	---	
(*) PEST Dimetoato	µg/L	---	---	0,10	---	---	---	
(*) PEST Diurão	µg/L	---	---	0,10	---	---	---	
(*) PEST Imidaclorpride	µg/L	---	---	0,10	---	---	---	
(*) PEST Dimetenamida P	µg/L	---	---	0,10	---	---	---	
(*) PEST Metribuzina	µg/L	---	---	0,10	---	---	---	
(*) PEST Metolacloro	µg/L	---	---	0,10	---	---	---	
(*) PEST MCPA	µg/L	---	---	0,10	---	---	---	
(*) PEST Oxadiazão	µg/L	---	---	0,10	---	---	---	
(*) PEST Terbutilazina	µg/L	---	---	0,10	---	---	---	
(*) Dose Indicativa Total	mSv	---	---	0,10	---	---	---	
(*) Atividade α-Total	Bq/L	---	---	0,10 (nível de verificação)	---	---	---	
Potássio	mg/l K	---	---	sem alteração anormal	---	---	---	
(*) 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	---	---	---	---	---	---	

Ensaio e colheita de amostras realizados pelo Laboratório SUMALAB, 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 (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 da Fervença.