

Controlo de qualidade da água destinada ao consumo humano Município de Coimbra - Zona de Abastecimento Olhos de Fervença - 2º 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	
CR1 - Controlo de Rotina 1							
Desinfetante residual	mg/L Cl	3	100	---	0,25	0,37	---
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	448	448	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	7,5	7,5	100
Sabor, a 25°C	Fator diluição	1	100	3	<1	<1	100
Turvação	NTU	1	100	4	<1,0	<1,0	100
CI - Controlo de Inspeção							
(*) 1,2-Dicloroetano	µg/L	---	---	3,0	---	---	---
Alumínio	µg/L Al	1	100	200	<10	<10	100
Amónio	mg/L NH4	1	100	0,50	<0,05	<0,05	100
(*) Antimónio	µg/L Sb	---	---	10	---	---	---
(*) Arsénio	µg/L As	---	---	10	---	---	---
(*) Benzeno	µg/L	---	---	1,0	---	---	---
Benzo(a)pireno	µg/L	1	100	0,010	<0,0030	<0,0030	100
(*) Boro	mg/L B	---	---	1,5	---	---	---
(*) Bromatos	µg/L BrO ₃	---	---	10	---	---	---
(*) Cádmio	µg/L Cd	---	---	5,0	---	---	---
Cálcio	mg/L Ca	1	100	---	74	74	---
Chumbo	µg/L Pb	1	100	10	<1,0	<1,0	100
(*) Cianetos	µg/L Cn	---	---	50	---	---	---
Cloratos	mg/L ClO ₃	1	100	0,25	<0,08	<0,08	100
(*) Cloretos	mg/L Cl	---	---	250	---	---	---
Cloritos	mg/L ClO ₂	1	100	0,25	<0,02	<0,02	100
Clostridium Perfringens	N/100 mL	1	100	0	0	0	100
(*) Tetracloroetano e Tricloroetano	µg/L	---	---	10	---	---	---
(*) Tetracloroetano	µg/L	---	---	---	---	---	---
(*) Tricloroetano	µg/L	---	---	---	---	---	---
Cobre	mg/L Cu	1	100	2,0	0,012	0,012	100
Crómio	µg/L Cr	1	100	50	<3,0	<3,0	100
Dureza Total	mg/L CaCO ₃	1	100	---	236	236	---
Ferro	µg/L Fe	1	100	200	<20,0	<20,0	100
(*) Fluoretos	mg/L F	---	---	1,5	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	µg/L	1	100	0,10	<0,0200	<0,0200	100
HAP Benzo(b)fluoranteno	µg/L	1	101	---	<0,0200	<0,0200	---
HAP Benzo(ghi)perileno	µg/L	1	102	---	<0,0200	<0,0200	---
HAP Benzo(k)fluoranteno	µg/L	1	103	---	<0,0200	<0,0200	---
HAP Indeno(1,2,3-cd)pireno	µg/L	1	104	---	<0,0200	<0,0200	---
Magnésio	mg/L Mg	1	105	---	12,5	12,5	---
Manganês	µg/L Mn	1	106	50	<4,0	<4,0	100
(*) Mercúrio	µg/L Hg	---	---	1,0	---	---	---
Níquel	µg/L Ni	1	100	20	<2,0	<2,0	100
(*) Nitratos	mg/L NO ₃	---	---	50	---	---	---
Nitritos	mg/L NO ₂	1	100	0,50	<0,10	<0,10	100
Oxidabilidade	mg/L O ₂	1	100	5,0	<1,0	<1,0	100
(*) 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 Imidaclopride	µg/L	---	---	0,10	---	---	---
(*) PEST Dimetenamida P	µg/L	---	---	0,10	---	---	---
(*) PEST Metribuzina	µg/L	---	---	0,10	---	---	---
(*) PEST Metolaclo	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	1	100	---	<2,5	<2,5	---
(*) Selénio	µg/L Se	---	---	20	---	---	---
(*) Sódio	mg/L Na	---	---	200	---	---	---
(*) Sulfatos	mg/L SO ₄	---	---	250	---	---	---
Trihalometanos (THM) Total	µg/L	1	100	100	10,0	10,00	100
THM Bromodichlorometano	µg/L	1	100	---	0,52	0,52	---
THM Bromofórmio	µg/L	1	100	---	7,02	7,02	---
THM Clorodibromometano	µg/L	1	100	---	2,50	2,50	---
THM Clorofórmio	µg/L	1	100	---	<0,10	<0,10	---

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.