

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE								1º Trimestre 2026	
		Zona de Abastecimento: ZA4_TC_2026									
Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).											
Grupo	Parâmetro	Nº Amostras PCQA			Unidades	Valor Paramétrico (VP)	Valor Recomendado (indicador)	Resultados Obtidos		Nº amostras superiores ao VP	Análises que cumprem o VP (%)
		Nº Análises Previstas	Nº Análises Realizadas	% de Análises Realizadas				Máximos	Mínimos		
CR1	Bactérias coliformes	5	5	100	UFC/100ml	0	---	0	0	0	100
	Cloro residual livre	5	5	100	mg/L Cl ₂	---	≥ 0,2 e ≤ 0,6	0,6	0,30	0	100
CR2	Alumínio	2	2	100	µg/L Al	200	---	23,0	16,6	0	100
	Amónio	2	2	100	mg/L NH ₄ ⁺	0,50	---	< 0,05	< 0,05	0	100
	AMPA	2	2	100	µg/L	0,1	---	< 0,030	< 0,030	0	100
	Chumbo	2	2	100	µg/L Pb	10	---	< 1	< 1	0	100
	Clostridium perfringens (incluindo esporos)	2	2	100	UFC/100ml	0	---	0	0	0	100
	Condutividade	2	2	100	µS/cm a 20°C	2500	---	494	488	0	100
	Carbono orgânico total (COT)	2	2	100	mg/L C	5AA	---	2,22	1,95	0	100
	Calc	2	2	100	mg/L CaCO ₃	20	---	43,0	< 3,0	0	100
	Enterococos intestinais	2	2	100	UFC/100ml	0	---	0	0	0	100
	Ferro	2	2	100	µg/L Fe	200	---	< 5,0	< 5,0	0	100
	Gilfosato	2	2	100	µg/L	0,1	---	< 0,030	< 0,030	0	100
	Manganês	2	2	100	µg/L Mn	50	---	< 5,0	< 5,0	0	100
	Mercurio	2	2	100	µg/L Hg	1	---	< 0,0100	< 0,0100	0	100
	Nitrato	2	2	100	mg/L NO ₃ ⁻	50	---	21,2	11,8	0	100
	Nitrito	2	2	100	mg/L NO ₂ ⁻	0,1	---	< 0,10	< 0,10	0	100
	Número de colónias a 22°C	2	2	100	UFC/ml	500	---	0	0	0	100
	pH	2	2	100	Unidades de pH	≥ 6,5 e ≤ 8,5	---	8,2	7,9	0	100
	Sabor	2	2	100	Fatoração	3	---	< 1	< 1	0	100
	Trihalometanos total (THM)	2	2	100	µg/L	100	---	49,7	48,8	0	100
	Bromodiforma	2	2	100	µg/L	---	---	10,7	10,20	0	100
	Bromodibromometano	2	2	100	µg/L	---	---	11,0	10,2	0	100
	Dibromodibromometano	2	2	100	µg/L	---	---	37,1	37,35	0	100
	Dibromoclorometano	2	2	100	µg/L	---	---	17,3	2,37	0	100
Turvação	2	2	100	NTU	1,4	---	< 1,0	< 1,0	0	100	
1,2-dicloroetano	0	0	---	µg/L	3	---	---	---	0	---	
Alfa total	0	0	---	Bq/L	0,1	---	---	---	0	---	
Ácidos haloacéticos totais (AHAs)	0	0	---	µg/L	---	---	---	---	0	---	
Ácido monobromoacético	0	0	---	µg/L	---	---	---	---	0	---	
Ácido bromocloroacético	0	0	---	µg/L	---	---	---	---	0	---	
Ácido monodibromoacético	0	0	---	µg/L	---	---	---	---	0	---	
Ácido dicloroacético	0	0	---	µg/L	---	---	---	---	0	---	
Ácido dibromocloroacético	0	0	---	µg/L	---	---	---	---	0	---	
Ácido tricloroacético	0	0	---	µg/L	---	---	---	---	0	---	
Antimonio	0	0	---	µg/L Sb	5	---	---	---	0	---	
Arsénio	0	0	---	µg/L As	10	---	---	---	0	---	
Bárcio	0	0	---	µg/L Ba	1	---	---	---	0	---	
Benzo(a)pireno	0	0	---	µg/L	---	---	---	---	0	---	
Bifenilo A	0	0	---	µg/L	2,0	---	---	---	0	---	
Boro	0	0	---	mg/L B	1	---	---	---	0	---	
Bromatos	0	0	---	µg/L BrO ₃ ⁻	10	---	---	---	0	---	
Cádmio	0	0	---	µg/L Cd	5	---	---	---	0	---	
Cálcio	0	0	---	mg/L Ca	---	< 100	---	---	0	---	
Chumbo	0	0	---	µg/L Pb	10	---	---	---	0	---	
Cianatos	0	0	---	µg/L CN	50	---	---	---	0	---	
Cloratos	0	0	---	mg/L ClO ₃ ⁻	0,7	---	---	---	0	---	
Cloratos	0	0	---	mg/L ClO ₂ ⁻	250	---	---	---	0	---	
Cloritos	0	0	---	mg/L ClO ₂ ⁻	0,7	---	---	---	0	---	
Cobalto	0	0	---	mg/L Co	2	---	---	---	0	---	
Crómio	0	0	---	µg/L Cr	50	---	---	---	0	---	
Dose indicativa total	0	0	---	mS/cm	0,1	---	---	---	0	---	
Dureza total	0	0	---	mg/L CaCO ₃	---	≥ 150 e ≤ 500	---	---	0	---	
Fluoretos	0	0	---	mg/L F	1,5	---	---	---	0	---	
Hidrocarbonetos aromáticos policíclicos (HAP)	0	0	---	µg/L	0,1	---	---	---	0	---	
Benzo(a)fluoranteno	0	0	---	µg/L	---	---	---	---	0	---	
Benzo(k)fluoranteno	0	0	---	µg/L	---	---	---	---	0	---	
Benzo(a,h)perileno	0	0	---	µg/L	---	---	---	---	0	---	
Indeno(1,2,3-cd)pireno	0	0	---	µg/L	---	---	---	---	0	---	
Magnésio	0	0	---	mg/L Mg	---	≤ 50	---	---	0	---	
Níquel	0	0	---	µg/L Ni	20	---	---	---	0	---	
Condutividade	0	1	---	mg/L CaCO ₃	5	---	1,3	1,3	0	100	
Pesticidas totais	0	1	---	µg/L	0,50	---	< 0,03	< 0,03	0	100	
Aclato	0	0	---	µg/L	0,1	---	---	---	0	---	
Benflazona	0	0	---	µg/L	0,1	---	---	---	0	---	
Chlorfós	0	0	---	µg/L	0,3	---	---	---	0	---	
Dimetamida-P	0	0	---	µg/L	0,1	---	---	---	0	---	
Medetoxato	0	0	---	µg/L	0,3	---	---	---	0	---	
Dimetato	0	0	---	µg/L	0,1	---	---	---	0	---	
Ormetato	0	0	---	µg/L	0,1	---	---	---	0	---	
Diurão	0	0	---	µg/L	0,1	---	---	---	0	---	
Endosulfato	0	0	---	µg/L	0,1	---	---	---	0	---	
MCPA	0	0	---	µg/L	0,1	---	---	---	0	---	
Metasol / Metasol-M	0	0	---	µg/L	0,1	---	---	---	0	---	
Metolcloz / S-Metolcloz	0	0	---	µg/L	0,1	---	---	---	0	---	
Methidat	0	0	---	µg/L	0,1	---	---	---	0	---	
Simazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Desatrimetazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Tebuconazol	0	0	---	µg/L	0,1	---	---	---	0	---	
Terbutilazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Desetilbutilazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Total de PFAS	0	0	---	µg/L	0,5	---	---	---	0	---	
Soma de PFAS	0	0	---	µg/L	---	---	---	---	0	---	
Platínio-210	0	0	---	Bq/L	0,1	---	---	---	0	---	
Potássio	0	0	---	mg/L	5AA	---	---	---	0	---	
Rádio	0	0	---	Bq/L	100	---	---	---	0	---	
Rádio-226	0	0	---	Bq/L	0,5	---	---	---	0	---	
Selénio	0	0	---	µg/L Se	10	---	---	---	0	---	
Sódio	0	0	---	mg/L Na	200	---	---	---	0	---	
Sulfato	0	0	---	mg/L SO ₄ ²⁻	250	---	---	---	0	---	
Tetracloroetano e Tricloroetano	0	0	---	µg/L	10	---	---	---	0	---	
Uránio-234	0	0	---	Bq/L	2,8	---	---	---	0	---	
Uránio-238	0	0	---	Bq/L	3	---	---	---	0	---	
TOTAL		63	65								

Legenda
 >K Valor superior ou inferior ao Limite de Quantificação
 SAA Sem alteração anormal
 Abc Valor superior ao limite permitido por lei (valor paramétrico)
 Abc Valor superior / inferior ao recomendado por lei (parâmetros indicadores)
 a) A realizar apenas quando o resultado dos parâmetros "alfa total" > 0,1 Bq/L e "Dose Indicativa total" > 0,1 mSv

21/15/2026
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Metodologia de averiguação de causas relativas a incumprimentos:	Causas relativas a incumprimentos:	Medidas corretivas implementadas:
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O Presidente do Conselho de Administração, O Diretor Delegado, Técnico Responsável

Pedro Henrique Lourenço Barata Samuel Pinis (engº) Marcia Reis (engº)