

SERVIÇOS MUNICIPALIZADOS DE PENICHE	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE	3º Trimestre
	Zona de Abastecimento: ZA4_TC_2025	2025

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 coliformas	6	6	100	UFC/100ml	0	---	0	0	0	100	
	Cloro residual livre	6	6	100	mg/L Cl ₂	---	≥ 0,2 e ≤ 0,6	0,6	<0,16	0	100	
	E. coli	6	6	100	UFC/100ml	0	---	0	0	0	100	
	Alumínio	3	3	100	µg/L Al	200	---	45	22,4	0	100	
CR2	Amónio	3	3	100	mg/L NH ₄ ⁺	0,50	---	<0,05	<0,05	0	100	
	Cheiro	3	3	100	Factor diluição	3	---	<1	<1	0	100	
	Clorofórmio (incluindo esporos)	3	3	100	UFC/100ml	0	---	0	0	0	100	
	Condutividade	3	3	100	µS/cm a 20°C	2500	---	707	630	0	100	
	Carbono orgânico total (COT)	3	3	100	mg/L C	SAA	---	2,52	1,97	0	100	
	Cor	3	3	100	mg/L PtCo	20	---	<3,0	<3,0	0	100	
	Enterococos intestinais	3	3	100	UFC/100ml	0	---	0	0	0	100	
	Ferro	3	3	100	µg/L Fe	200	---	105	<5,0	0	100	
	Manganês	3	3	100	µg/L Mn	90	---	<5,0	<5,0	0	100	
	Nitratos	3	3	100	mg/L NO ₃	50	---	25,0	2,4	0	100	
	Nitróto	3	3	100	mg/L NO ₂	0,1	---	<0,10	<0,10	0	100	
	Número de colónias a 22°C	3	3	100	UFC/ml	SAA	100	150	0	0	100	
	Oxidabilidade	3	3	100	mg/L O ₂	5	---	<1,0	<1,0	0	100	
	pH	3	3	100	Unidades de pH	≥ 6,5 e ≤ 9,5	---	8,2	7,8	0	100	
	Sabor	3	3	100	Factor diluição	3	---	<1	<1	0	100	
	Trihalometanos total (THM)	3	3	100	µg/L	100	---	73,9	61,9	0	100	
	Bromoformo	3	3	100	µg/L	---	---	35,0	26,5	0	100	
	Bromodiformo	3	3	100	µg/L	---	---	11,0	7,57	0	100	
	Dibromofórmio	3	3	100	µg/L	---	---	6,51	1,17	0	100	
	Dibromoclorometano	3	3	100	µg/L	---	---	29,8	20,7	0	100	
Trifluoro	3	3	100	µg/L	---	---	<1,0	<1,0	0	100		
CI	1,2-dicloroetano	0	0	---	µg/L	3	---	---	---	0	---	
	Alfa total	0	0	---	Bq/L	0,1	---	---	---	0	---	
	Antimónio	0	0	---	µg/L Sb	5	---	---	---	0	---	
	Ársénio	0	0	---	µg/L As	10	---	---	---	0	---	
	Benzeno	0	0	---	µg/L	1	---	---	---	0	---	
	Benzofluoranteno	0	0	---	µg/L	---	---	---	---	0	---	
	Boro	0	0	---	mg/L B	1	---	---	---	0	---	
	Bromato	0	0	---	µg/L BrO ₂	10	---	---	---	0	---	
	Cádmio	0	0	---	µg/L Cd	5	---	---	---	0	---	
	Cálcio	0	0	---	mg/L Ca	<500	---	---	---	0	---	
	Chumbo	0	0	---	µg/L Pb	10	---	---	---	0	---	
	Cianeto	0	0	---	µg/L CN	50	---	---	---	0	---	
	Clorato	0	0	---	mg/L	0,7	---	---	---	0	---	
	Clorito	0	0	---	mg/L Cl	250	---	---	---	0	---	
	Clorito	0	0	---	mg/L	0,7	---	---	---	0	---	
	Cobalto	0	0	---	mg/L Co	2	---	---	---	0	---	
	Crómio	0	0	---	µg/L Cr	50	---	---	---	0	---	
	Dose Indicativa total	0	0	---	mSv	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(b)fluoranteno	0	0	---	µg/L	---	---	---	---	0	---	
	Benzo(k)fluoranteno	0	0	---	µg/L	---	---	---	---	0	---	
	Benzo(a)fluoranteno	0	0	---	µg/L	---	---	---	---	0	---	
	Indeno(1,2,3-cd)pireno	0	0	---	µg/L	---	---	---	---	0	---	
	Magnésio	0	0	---	mg/L Mg	<500	---	---	---	0	---	
	Mercurio	0	0	---	µg/L Hg	1	---	---	---	0	---	
	Níquel	0	0	---	µg/L Ni	20	---	---	---	0	---	
	Pesticidas totais	1	1	100	µg/L	0,50	---	<0,03	<0,03	0	100	
	Azinotol	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	Bentazona	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	Clorpirifos	1	1	100	µg/L	0,1	---	<0,0300	<0,0300	0	100	
	Dimetoato	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	Dinotol	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	Diurão	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	Imidacloprido	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	MCPA	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	Metasol / Metolol-M	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	Metolol	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
	Simazina	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
Desetilsimazina	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100		
Terbutilazina	1	1	100	µg/L	0,10	---	<0,030	<0,030	0	100		
Desetilbutilazina	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100		
Tributilazina	1	1	100	µg/L	0,10	---	<0,030	<0,030	0	100		
Metribuzina	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100		
Gifonato	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100		
AMPA	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100		
Diclorometano P	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100		
Metabolito M656PH051	1	1	100	µg/L	---	---	<0,030	<0,030	0	100		
Potássio	0	0	---	mg/L	SAA	---	---	---	0	---		
Rádio	0	0	---	Bq/h	500	---	---	---	0	---		
Rádio-226	0	0	---	Bq/L	0,5	---	---	---	0	---		
Selenio	0	0	---	µg/L Se	20	---	---	---	0	---		
Sódio	0	0	---	mg/L Na	200	---	---	---	0	---		
Sulfato	0	0	---	mg/L SO ₄	250	---	---	---	0	---		
Tetracloroetano e Tricloroetano	0	0	---	µg/L	10	---	---	---	0	---		
Urânio-234	0	0	---	Bq/h	2,8	---	---	---	0	---		
Urânio-238	0	0	---	Bq/L	3	---	---	---	0	---		
TOTAL		105	105							0	---	

Legenda
 >/< 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" >0,10 Bq/ L e "Dose Indicativa total" > 0,1 mSv

Metodologia de averiguação de causas relativas a incumprimentos:	Causas relativas a incumprimentos:	Medidas corretivas implementadas:
		O Presidente do Conselho de Administração, O Diretor Delegado, Técnico Responsável
		Pedro Henrique Lourenço Barata Samuel Chis (engº) Márcio Reis (engº)