

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE							1º Trimestre			
		Zona de Abastecimento: ZA2_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	9	9	100	UFC/100ml	0	---	0	0	0	100	
	Cloro residual livre	9	9	100	mg/L	---	≥ 0,2 e ≤ 0,6	0,6	0,26	0	100	
	E. coli	9	9	100	UFC/100ml	0	---	0	0	0	100	
	Alumínio	3	3	100	µg/L	200	---	37,5	<20,0	0	100	
	Chumbo	3	3	100	Factor de diluição	---	3	<1	<1	0	100	
CR2	Clostridium perfringens (incluindo esporos)	3	3	100	UFC/100mL	0	---	0	0	0	100	
	Condutividade	3	3	100	µS/cm a 20°C	2500	---	477	223	0	100	
	Cor	3	3	100	mg/L PtCo	20	---	<3,0	<3,0	0	100	
	Enterococci Intestinais	3	3	100	UFC/100ml	0	---	0	0	0	100	
	Nitratos	3	3	100	mg/L NO ₃	50	---	7,3	1,8	0	100	
	Número de colónias a 22°C	3	3	100	UFC/100 mL	SAA	100	0	0	0	100	
	pH	3	3	100	Unidades de pH	≥ 6,5 e ≤ 9,5	---	8	7,5	0	100	
	Sabor	3	3	100	Factor de diluição	3	---	<1	<1	0	100	
	Turbidão	3	3	100	NTU	≤ 1	---	<1,0	<1,0	0	100	
	1,2-dicloroetano	0	0	---	µg/L	3	---	---	---	0	---	
CI	Alfa total	0	0	---	Bq/L	0,1	---	---	---	0	---	
	Amónio	0	0	---	mg/L NH ₃	0,5	---	---	---	0	---	
	Antimónio	0	0	---	µg/L Sb	5	---	---	---	0	---	
	Ársénio	0	0	---	µg/L As	10	---	---	---	0	---	
	Benzeno	0	0	---	µg/L	1	---	---	---	0	---	
	Benzol(a)pireno	0	0	---	µg/L	---	---	---	---	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	---	
	Cianetos	0	0	---	µg/L CN	50	---	---	---	0	---	
	Cloratos	0	0	---	mg/L	0,7	---	---	---	0	---	
	Cloreto	0	0	---	mg/L Cl	250	---	---	---	0	---	
	Cloritos	0	0	---	mg/L	0,7	---	---	---	0	---	
	Cobre	0	0	---	mg/L Cu	2	---	---	---	0	---	
	Crómio	0	0	---	µg/L Cr	50	---	---	---	0	---	
	Dose Indicativa total	0	0	---	mg/Liolo	0,1	---	---	---	0	---	
	Dureza total	0	0	---	mg/L CaCO ₃	---	≥ 150 e ≤ 500	---	---	0	---	
	Ferro	0	0	---	µg/L Fe	200	---	---	---	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(g,h,i)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	---	
	Manganês	0	0	---	µg/L Mn	50	---	---	---	0	---	
	Mercurio	0	0	---	µg/L Hg	1	---	---	---	0	---	
	Níquel	0	0	---	µg/L Ni	20	---	---	---	0	---	
	Nitritos	0	0	---	mg/L NO ₂	0,1	---	---	---	0	---	
	Oxidabilidade	0	0	---	mg/L O ₂	5	---	---	---	0	---	
	Pesticidas totais	0	0	---	µg/L	0,5	---	---	---	0	---	
	Alacloro	0	0	---	µg/L	0,1	---	---	---	0	---	
	Bentazona	0	0	---	µg/L	0,1	---	---	---	0	---	
	Clorpirifos	0	0	---	µg/L	0,1	---	---	---	0	---	
	Dimetenamida-P	0	0	---	µg/L	0,1	---	---	---	0	---	
	Metabólito M655P4051	0	0	---	µg/L	0,1	---	---	---	0	---	
	Dimetoato	0	0	---	µg/L	0,1	---	---	---	0	---	
	Ometoato	0	0	---	µg/L	0,1	---	---	---	0	---	
	Diurão	0	0	---	µg/L	0,1	---	---	---	0	---	
	Imidaclopride	0	0	---	µg/L	0,1	---	---	---	0	---	
	MCPA	0	0	---	µg/L	0,1	---	---	---	0	---	
	Metolaxil / Metolaxil-M	0	0	---	µg/L	0,1	---	---	---	0	---	
	Metolaclopro	0	0	---	µg/L	0,1	---	---	---	0	---	
	Metolazina	0	0	---	µg/L	0,1	---	---	---	0	---	
	Simazina	0	0	---	µg/L	0,1	---	---	---	0	---	
	Desetilmetazina	0	0	---	µg/L	0,1	---	---	---	0	---	
	Tebuconazol	0	0	---	µg/L	0,1	---	---	---	0	---	
	Terbutilazina	0	0	---	µg/L	0,1	---	---	---	0	---	
	Desetiltetbutilazina	0	0	---	µg/L	0,1	---	---	---	0	---	
	Polónio-210	0	0	---	Bq/L	0,1	---	---	---	0	---	
	Potássio	0	0	---	mg/L	SAA	---	---	---	0	---	
	Rádio	0	0	---	Bq/L	500	---	---	---	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	---	
	Sulfatos	0	0	---	mg/L SO ₄	250	---	---	---	0	---	
	Tetracloretoeno e Tricloretoeno	0	0	---	µg/L	10	---	---	---	0	---	
	Trihalometanos total (THM)	0	0	---	µg/L	100	---	---	---	0	---	
	Bromofórmio	0	0	---	µg/L	---	---	---	---	0	---	
	Bromo-diclorometano	0	0	---	µg/L	---	---	---	---	0	---	
	Clorofórmio	0	0	---	µg/L	---	---	---	---	0	---	
	Dibromoclorometano	0	0	---	µg/L	---	---	---	---	0	---	
	Urânio-234	0	0	---	Bq/L	2,8	---	---	---	0	---	
	Urânio-238	0	0	---	Bq/L	3	---	---	---	0	---	
	TOTAL		60	60								

Legenda

>/< Valor superior ou inferior ao Limite de Quantificação

SAA Sem alteração anómala

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,

Henrique Martins Batista Antunes

O Diretor Delegado,

Samuel Unis (eng)

Técnico Responsável

Marta Reis (eng)