

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE								1º Trimestre	
		Zona de Abastecimento: ZA3_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 coliformes	3	3	---	UFC/100ml	0	---	0	0	0	100
	Cloro residual livre	3	3	---	mg/L	---	≥ 0,2 e ≤ 0,6	0,6	0,5	0	100
	E. coli	3	3	---	UFC/100mL	0	---	0	0	0	100
CR2	Amónio	2	2	---	mg/L NH ₄	0,5	---	<0,05	<0,05	0	100
	Alumínio	2	2	---	µg/L	200	---	39,3	22	0	100
	Cheiro	2	2	---	Factor de diluição	3	---	<1	<1	0	100
	Clostridium perfringens (incluindo esporos)	2	2	---	UFC/100mL	0	---	0	0	0	100
	Condutividade	2	2	---	µS/cm a 20°C	2500	---	225	160	0	100
	Cor	2	2	---	mg/L PCo	20	---	<3,0	<3,0	0	100
	Enterococos intestinais	2	2	---	UFC/100mL	0	---	0	0	0	100
	Ferro	2	2	---	µg/L Fe	200	---	<60	<60	0	100
	Manganês	2	2	---	µg/L Mn	50	---	1,36	<0,50	0	100
	Nitratos	2	2	---	mg/L NO ₃	50	---	3,9	2,7	0	100
	Número de colónias a 22°C	2	2	---	UFC/ mL	SAA	100	8	0	0	100
	pH	2	2	---	Unidades de pH	≥ 6,5 e ≤ 9,5	---	8,1	7,8	0	100
	Sabor	2	2	---	Factor de diluição	3	---	<1	<1	0	100
	Turbidez	2	2	---	NTU	<1	---	<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	---
	Arsénio	0	0	---	µg/L As	10	---	---	---	0	---
	Benzeno	0	0	---	µg/L	1	---	---	---	0	---
	Benzof(a)pireno	0	0	---	µg/L	---	---	---	---	0	---
	Boro	0	0	---	mg/L B	1	---	---	---	0	---
	Bromatos	0	0	---	µg/L BrO ₂	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	---	mSv/ano	0,1	---	---	---	0	---
	Dureza	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(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	---
	Mercúrio	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	---
	Dimetoato	0	0	---	µg/L	0,1	---	---	---	0	---
	Ormetoato	0	0	---	µg/L	0,1	---	---	---	0	---
	Dimetenamida-P	0	0	---	µg/L	0,1	---	---	---	0	---
	Metabólito M656(PH05)	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	---
	Metolacloro	0	0	---	µg/L	0,1	---	---	---	0	---
	Metribuzina	0	0	---	µg/L	0,1	---	---	---	0	---
	Simazina	0	0	---	µg/L	0,1	---	---	---	0	---
	Desetilsimazina	0	0	---	µg/L	0,1	---	---	---	0	---
	Tebuconazol	0	0	---	µg/L	0,1	---	---	---	0	---
	Terbutiazina	0	0	---	µg/L	0,1	---	---	---	0	---
	Desetilterbutilazina	0	0	---	µg/L	0,1	---	---	---	0	---
	Polónio-210	0	0	---	Bq/L	0,1	---	---	---	0	---
	Potássio	0	0	---	mg/L	SAA	---	---	---	0	---
	Radão	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	---
	Tetracloroetano e Tricloroetano	0	0	---	µg/L	10	---	---	---	0	---
	Trihalometanos total (THM)	0	0	---	µg/L	100	---	---	---	0	---
	Bromofórmio	0	0	---	µg/L	---	---	---	---	0	---
	Bromodiclorometano	0	0	---	µg/L	---	---	---	---	0	---
	Clorofórmio	0	0	---	µg/L	---	---	---	---	0	---
	Dibromodiclorometano	0	0	---	µg/L	---	---	---	---	0	---
	Urânio-234	0	0	---	Bq/L	2,8	---	---	---	0	---
	Urânio-238	0	0	---	Bq/L	3	---	---	---	0	---
TOTAL		37	37								

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:
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O Presidente do Conselho de Administração,

O Diretor Delegado,

Técnico Responsável

Henrique Bento Batista Antunes

Samuel Dias (engº)

Márcia Reis (engº)