

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE								3º 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	100	UFC/100ml	0	---	0	0	0	100
	Cloro residual livre	3	3	100	mg/L Cl <sub>2</sub>	---	≥ 0,2 e ≤ 0,6	0,5	0,4	0	100
CR2	E. coli	3	3	100	UFC/100ml	0	---	0	0	0	100
	Amónio	2	2	100	mg/L NH <sub>4</sub> <sup>+</sup>	0,50	---	<0,05	<0,05	0	100
	Alumínio	2	2	100	µg/L Al	200	---	42,0	37,9	0	100
	Cheiro	2	2	100	Factor diluição	3	---	<1	<1	0	100
	Criostidium perfringens (incluindo esporos)	2	2	100	UFC/100ml	0	---	0	0	0	100
	Condutividade	2	2	100	µS/cm a 20°C	2500	---	142	130	0	100
	Cor	2	2	100	mg/L PtCo	20	---	<3,0	<3,0	0	100
	Enterococos intestinais	2	2	100	UFC/100mL	0	---	0	0	0	100
	Ferro	2	2	100	µg/L Fe	200	---	33,8	45,0	0	100
	Manganês	2	2	100	µg/L Mn	50	---	<5,0	<5,0	0	100
	Nitratos	2	2	100	mg/L NO <sub>3</sub>	50	---	3,6	1,7	0	100
	Número de colónias a 22°C	2	2	100	UFC/mL	SAA	100	0	0	0	100
	pH	2	2	100	Unidade: 1 de pH	7,0 ≤ x ≤ 8,5	---	8,1	8,1	0	100
	Sabor	2	2	100	Factor diluição	3	---	<1	<1	0	100
	Turbidez	2	2	100	NTU	5	---	<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	---
Benzol(a)pireno		0	0	---	µg/L	---	---	---	---	0	---
Boro		0	0	---	mg/L B	1	---	---	---	0	---
Bromatos		0	0	---	µg/L BrO <sub>3</sub>	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	---
Cloratos		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 total		0	0	---	mg/L CaCO <sub>3</sub>	---	≥ 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)fluopireno		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 <sub>2</sub>	0,1	---	---	---	0	---
Oxidabilidade		0	0	---	mg/L O <sub>2</sub>	5	---	---	---	0	---
Pesticidas totais		1	1	100	µg/L	0,50	---	<0,03	<0,03	0	100
Aldrin		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
Clopyrifos		1	1	100	µg/L	0,1	---	<0,0300	<0,0300	0	100
Dimetato		1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
Diniltoato		1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
Dimetanamida-P		1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
Metabólito M656P/H051		1	1	100	µg/L	---	---	<0,030	<0,030	0	100
Diturão		1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
Imidacloprida		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
Metaxifen / Metaxifen-M		1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
Metolaclo		1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
Metribuzina		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
Tebuozano		1	1	100	µg/L	0,10	---	<0,030	<0,030	0	100
Terbutilazina	1	1	100	µg/L	0,10	---	<0,030	<0,030	0	100	
Desetilterbutilazina	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
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 <sub>4</sub>	250	---	---	---	0	---	
Tetracloroetano e Tricloroetano	0	0	---	µg/L	10	---	---	---	0	---	
Trihalometanos total (THM)	0	0	---	µg/L	100	---	---	---	0	---	
Bromoformio	0	0	---	µg/L	---	---	---	---	0	---	
Bromodicloroetano	0	0	---	µg/L	---	---	---	---	0	---	
Cloroformio	0	0	---	µg/L	---	---	---	---	0	---	
Dibromodicloroetano	0	0	---	µg/L	---	---	---	---	0	---	
Urânio-234	0	0	---	Bq/L	2,8	---	---	---	0	---	
Urânio-238	0	0	---	Bq/L	3	---	---	---	0	---	
TOTAL		56	56								

**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

Pedro Henrique Lourenço Barata

Silvia Reis (eng<sup>o</sup>)

Maria Reis (eng<sup>o</sup>)