

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_2026							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	9	10	100,0	UFC/100mL	0	0	0	0	0	100	
	Cloro residual livre	9	10	100,0	mg/L Cl <sub>2</sub>	≥ 0,2 e ≤ 0,6	0,6	0,4	0	0	100	
	E. coli	9	10	100,0	UFC/100mL	0	0	0	0	0	100	
CR2	Alumínio	3	3	100	µg/L Al	200	---	50	15,9	0	100	
	Chumbo	3	3	100	µg/L Pb	10	---	<1	<1	0	100	
	Clostridium perfringens (incluindo esporos)	3	4	133,3	UFC/100mL	0	---	0	0	0	100	
	Condutividade	3	4	133,3	µS/cm a 20°C	2500	---	568	198	0	100	
	Cor	3	3	100	mg/L PtCo	20	---	<3,0	<3,0	0	100	
	Erastococcos intermedia	3	4	133,3	UFC/100mL	0	---	0	0	0	100	
	Nitratos	3	3	100	mg/L NO <sub>3</sub>	50	---	17,1	3,3	0	100	
	Número de colónias a 22°C	3	4	133,3	UFC/100	500	---	180	0	0	100	
	pH	3	4	133,3	Unidades de pH	≥ 6,5 e ≤ 9,5	---	8,0	7,5	0	100	
	Resíduo	3	3	100	mg/L Resíduo	3	---	<1	<1	0	100	
	Turvação	3	3	100	NTU	≤ 4	---	<1,0	<1,0	0	100	
	CI	1,2-Dicloroetano	0	0	---	µg/L	---	---	---	---	---	---
		Alfa total	0	0	---	Bq/L	0,1	---	---	---	---	---
		Ácidos heterocíclicos totais (AHAs)	0	0	---	µg/L	---	---	---	---	---	---
		Ácido monobromocético	0	0	---	µg/L	---	---	---	---	---	---
Ácido (trihalogenado)		0	0	---	µg/L	---	---	---	---	---	---	
Ácido monocloroacético		0	0	---	µg/L	---	---	---	---	---	---	
Ácido dibromoacético		0	0	---	µg/L	---	---	---	---	---	---	
Ácido dibromoacético		0	0	---	µg/L	---	---	---	---	---	---	
Ácido tricloroacético		0	0	---	µg/L	---	---	---	---	---	---	
Amónio		0	0	---	mg/L NH <sub>4</sub>	0,5	---	---	---	---	---	
Antimónio		0	0	---	µg/L Sb	5	---	---	---	---	---	
Ársénico		0	0	---	µg/L As	10	---	---	---	---	---	
Benzeno		0	0	---	µg/L	---	---	---	---	---	---	
Benzo(a)pireno		0	0	---	µg/L	---	---	---	---	---	---	
Bifenil A		0	0	---	µg/L	2,0	---	---	---	---	---	
Boro		0	0	---	mg/L B	1	---	---	---	---	---	
Bismuto		0	0	---	µg/L Bi	10	---	---	---	---	---	
Cádmio		0	0	---	µg/L Cd	5	---	---	---	---	---	
Cálcio		0	0	---	mg/L Ca	---	---	---	---	---	---	
Chumbo		0	0	---	µg/L Pb	10	---	---	---	---	---	
Cianatos		0	0	---	µg/L CN	50	---	---	---	---	---	
Cloratos		0	0	---	mg/L	0,7	---	---	---	---	---	
Cloratos		0	0	---	mg/L Cl	250	---	---	---	---	---	
Cloratos		0	0	---	mg/L	0,7	---	---	---	---	---	
Cobalto		0	0	---	µg/L Co	2	---	---	---	---	---	
Crómio		0	0	---	µg/L Cr	50	---	---	---	---	---	
Dioxina Indiv. total		0	0	---	pg/L	0,1	---	---	---	---	---	
Dureza total		0	0	---	mg/L CaCO <sub>3</sub>	---	≥ 150 e ≤ 500	---	---	---	---	
Ferro		0	0	---	µg/L Fe	200	---	---	---	---	---	
Fluoretos		0	0	---	mg/L F	1,5	---	---	---	---	---	
Hidrocarbonetos aromáticos policíclicos (HAP)		0	0	---	µg/L	0,1	---	---	---	---	---	
Benzo(b)fluoranteno		0	0	---	µg/L	---	---	---	---	---	---	
Benzo(a)fluoranteno		0	0	---	µg/L	---	---	---	---	---	---	
Benzo(g,h,i)perileno		0	0	---	µg/L	---	---	---	---	---	---	
Benzo(k)fluoranteno		0	0	---	µg/L	---	---	---	---	---	---	
Benzo(a)pireno		0	0	---	µg/L	---	---	---	---	---	---	
Benzo(e)pireno		0	0	---	µg/L	---	---	---	---	---	---	
Benzo(a)pireno		0	0	---	µg/L	---	---	---	---	---	---	
Magnésio		0	0	---	mg/L Mg	---	≤ 50	---	---	---	---	
Manganésio		0	0	---	µg/L Mn	50	---	---	---	---	---	
Mercurio		0	0	---	µg/L Hg	1	---	---	---	---	---	
Níquel		0	0	---	µg/L Ni	20	---	---	---	---	---	
Nitritos		0	0	---	mg/L NO <sub>2</sub>	0,1	---	---	---	---	---	
Dióxido de cloro		0	0	---	mg/L Cl <sub>2</sub>	5	---	---	---	---	---	
Pesticidas totais		0	0	---	µg/L	0,5	---	---	---	---	---	
Azinfos		0	0	---	µg/L	0,1	---	---	---	---	---	
Benfazona		0	0	---	µg/L	0,1	---	---	---	---	---	
Copropinos		0	0	---	µg/L	0,1	---	---	---	---	---	
Dimetanamida-P		0	0	---	µg/L	0,1	---	---	---	---	---	
Metilparalona		0	0	---	µg/L	0,1	---	---	---	---	---	
Dimetato	0	0	---	µg/L	0,1	---	---	---	---	---		
Cyflumetofenol	0	0	---	µg/L	0,1	---	---	---	---	---		
Diflufenicanol	0	0	---	µg/L	0,1	---	---	---	---	---		
Glifosato	0	0	---	µg/L	0,1	---	---	---	---	---		
AMPA	0	0	---	µg/L	0,1	---	---	---	---	---		
Imazaliquimida	0	0	---	µg/L	0,1	---	---	---	---	---		
MCPA	0	0	---	µg/L	0,1	---	---	---	---	---		
Metabenzotriazolona	0	0	---	µg/L	0,1	---	---	---	---	---		
Metolactona / S-Metolactona	0	0	---	µg/L	0,1	---	---	---	---	---		
Meclofenoxim	0	0	---	µg/L	0,1	---	---	---	---	---		
Simazine	0	0	---	µg/L	0,1	---	---	---	---	---		
Quinazolinol	0	0	---	µg/L	0,1	---	---	---	---	---		
Tebuconazol	0	0	---	µg/L	0,1	---	---	---	---	---		
Tebuconazol	0	0	---	µg/L	0,1	---	---	---	---	---		
Desateterbutilazina	0	0	---	µg/L	0,1	---	---	---	---	---		
Total de PFAS	0	0	---	µg/L	0,5	---	---	---	---	---		
Soma de PFAS	0	0	---	µg/L	---	---	---	---	---	---		
Radio-210	0	0	---	Bq/L	0,1	---	---	---	---	---		
Potássio	0	0	---	mg/L SA	500	---	---	---	---	---		
Rádio	0	0	---	Bq/L	---	---	---	---	---	---		
Rádio-226	0	0	---	Bq/L	0,5	---	---	---	---	---		
Sódio	0	0	---	mg/L Na	200	---	---	---	---	---		
Sódio	0	0	---	mg/L Na	200	---	---	---	---	---		
Sulfatos	0	0	---	mg/L SO <sub>4</sub>	250	---	---	---	---	---		
Tetracloreto e Tricloreto	0	0	---	µg/L	10	---	---	---	---	---		
Tricloroetileno total (TCEM)	0	0	---	µg/L	100	---	---	---	---	---		
Bromofórmio	0	0	---	µg/L	---	---	---	---	---	---		
Bromodiclorometano	0	0	---	µg/L	---	---	---	---	---	---		
Clorofórmio	0	0	---	µg/L	---	---	---	---	---	---		
Diclorodifluorometano	0	0	---	µg/L	---	---	---	---	---	---		
Urânio-234	0	0	---	Bq/L	2,8	---	---	---	---	---		
Urânio-238	0	0	---	Bq/L	3	---	---	---	---	---		
<b>TOTAL</b>		<b>60</b>	<b>68</b>									

**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)  
 e) A realizar apenas quando o resultado dos parâmetros "alfa total" >0,10 Bq/L e "Dose Indicativa total" > 0,1 mSv

22/05/2026

Metodologia de averiguação de causas relativas a incumprimentos:	Causas relativas a incumprimentos:	Medidas corretivas implementadas:
Realização de análises de verificação na Torneira do Consumidor, onde se registou o incumprimento, numa Torneira do Consumidor localizada geograficamente próxima e no ponto de Controlo Operacional, na Rede de Abastecimento - 21A, Butarã	>K - A averiguação das causas foi concluída	N/A - Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento

O Presidente do Conselho de Administração, O Diretor Delegado, Técnico Responsável  
 Pedro Henrique Lourenço Barata Antunes, Samuel Reis (eng°), Mécia Reis (eng°)