

SERVIÇOS MUNICIPALIZADOS DE PENICHE	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE		3º Trimestre
	Zona de Abastecimento: PE01_OLHO MARINHO_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	1	1	100	UFC/100ml	0	---	0	0	1	100
	Cloro residual livre	1	1	100	mg/L Cl <sub>2</sub>	---	≥ 0,2 e ≤ 0,6	0,6	0,6	0	100
	E. coli	1	1	100	UFC/100ml	0	---	0	0	0	100
CR2	Cheiro	0	0	---	Factor diluição	3	---	<1	<1	0	100
	Condutividade	0	1	---	µS/cm a 20°C	2500	---	638	638	0	100
	Cor	0	0	---	mg/L PtCo	20	---	---	---	0	---
	Enterococos intestinais	0	0	---	UFC/100ml	0	---	---	---	0	---
	Nitratos	0	1	---	mg/L NO <sub>3</sub>	50	---	42,4	42,4	0	100
	Nitrito de azoto a 20°C	0	0	---	µg/L NO <sub>2</sub>	SAA	---	---	---	0	---
	pH	0	1	---	Unidades de pH	≥ 6,5 e ≤ 9,5	---	7,3	7,3	0	100
	Sabor	0	0	---	Factor de diluição	3	---	---	---	0	---
	Turvação	0	0	---	NTU	≤ 1	---	---	---	0	---
	1,3-diclorobetano	0	0	---	µg/L	3	---	---	---	0	---
Alfa total	0	0	---	Bq/L	0,1	---	---	---	0	---	
Alumínio	0	0	---	µg/L	200	---	---	---	0	---	
Amónio	0	0	---	mg/L NH <sub>4</sub>	0,5	---	---	---	0	---	
Anticimo	0	0	---	µg/L Sb	5	---	---	---	0	---	
Arsénio	0	0	---	µg/L As	10	---	---	---	0	---	
Benzano	0	0	---	µg/L	1	---	---	---	0	---	
Benzo(a)pireno	0	0	---	µg/L	---	---	---	---	0	---	
Boro	0	0	---	mg/L B	1	---	---	---	0	---	
Bromatos	0	0	---	µg/L BrO <sub>2</sub>	10	---	---	---	0	---	
Cádmio	0	0	---	µg/L Cd	0	---	---	---	0	---	
Cálcio	0	0	---	mg/L Ca	---	<100	---	---	0	---	
Carbono orgânico total (COT)	0	0	---	mg/L	SAA	---	---	---	0	---	
Chumbo	0	0	---	µg/L Pb	10	---	---	---	0	---	
Cianeto	0	0	---	µg/L CN	30	---	---	---	0	---	
Cloratos	0	0	---	mg/L	0,7	---	---	---	0	---	
Cloratos	0	0	---	mg/L Cl	200	---	---	---	0	---	
Cloritos	0	0	---	mg/L	0,7	---	---	---	0	---	
Clostridium perfringens (incluindo esporos)	0	0	---	UFC/100ml	0	---	---	---	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	---	
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(a)fluoranteno	0	0	---	µg/L	---	---	---	---	0	---	
Benzo(k)fluoranteno	0	0	---	µg/L	---	---	---	---	0	---	
Benzo(a,h)pireno	0	0	---	µg/L	---	---	---	---	0	---	
Indeno(1,2,3-cd)pireno	0	0	---	µg/L	---	---	---	---	0	---	
Magnésio	0	0	---	mg/L Mg	---	---	---	---	0	---	
Manganés	0	0	---	µg/L Mn	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	---	
CI	Oxidabilidade	0	0	---	mg/L O <sub>2</sub>	5	---	---	---	0	---
	Rádio	0	0	---	Bq/L	500	---	---	---	0	---
	Rádio-226	0	0	---	Bq/L	0,5	---	---	---	0	---
	Pesticidas totais	1	1	100	µg/L	0,09	---	<0,03	<0,03	0	100
	Alacloro	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
	Dimetomorfos-P	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
	M056PH051	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
	Dimetilato	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100
Gilfosato	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	
Omelato	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
Disida	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
Imidaclopride	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	
Metaxil / Metaxil-M	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
Metolacoro	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	
Desetimizina	1	1	100	µg/L	0,1	---	<0,030	<0,030	0	100	
Tebuconazol	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	
Desetisulfazina	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	---	
Selénio	0	0	---	µg/L Se	10	---	---	---	0	---	
Sódio	0	0	---	mg/L Na	200	---	---	---	0	---	
Tetracloreto e Tricloreto	0	0	---	µg/L	10	---	---	---	0	---	
Tricloroetano total (TCE)	0	0	---	µg/L	100	---	---	---	0	---	
Bromofórmio	0	0	---	µg/L	---	---	---	---	0	---	
Bromodiclorometano	0	0	---	µg/L	---	---	---	---	0	---	
Cloroformo	0	0	---	µg/L	---	---	---	---	0	---	
Dibromodoclorometano	0	0	---	µg/L	---	---	---	---	0	---	
Sulfatos	0	0	---	mg/L SO <sub>4</sub>	250	---	---	---	0	---	
Urânio-234	0	0	---	Bq/L	2,8	---	---	---	0	---	
Urânio-238	0	0	---	Bq/L	3	---	---	---	0	---	
<b>TOTAL</b>		<b>24</b>	<b>27</b>							<b>0</b>	<b>---</b>

**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:
Realização de análises de verificação no posto de armazenamento para a regularização e cumprimento.	X1- Outra por não haver quaisquer outros evidências de contaminação e as análises posteriores não foram confirmadas o incumprimento, suscitou-se ter havido confirmação da amostra, no processo de amostragem.	N4: 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 Samuel Lima (eng) Márcia Reis (eng)