

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE								4º Trimestre	
		Zona de Abastecimento: PE01_OLHO MARINHO								2022	
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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	Bacterias coliformes	1	1	100	UFC/100mL	0	---	0	0	0	100
	Cloro residual livre	1	1	100	mg/L Cl ₂	---	≥ 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	1	1	100	Factor diluição	3	---	<1	<1	0	100
	Condutividade	1	1	100	µS/cm a 20°C	2500	---	908	908	0	100
	Cor	1	1	100	mg/L PtCo	20	---	<3,0	<3,0	0	100
	Enterococos	1	1	100	UFC/100mL	0	---	0	0	0	100
	Nitratos	1	1	100	mg/l NO ₃	50	25	8,7	8,7	0	100
	Número total de Germes a 22°C	1	1	100	UFC/mL	SAA	100	0	0	0	100
	Número total de Germes a 37°C	1	1	100	UFC/mL	SAA	20	0	0	0	100
	pH	1	1	100	Unidades de pH	≥ 6,5 e ≤ 9,5	---	7,2	7,2	0	100
	Sabor	1	1	100	Factor diluição	3	---	<1	<1	0	100
	Turvação	1	1	100	NTU	≤ 1	---	0,2	0,2	0	100
	1,2-dicloroetano	0	0	---	µg/l	3	---	---	---	0	---
	Alfa total	0	0	---	Bq/L	0,1	---	---	---	0	---
	Alumínio	0	0	---	µg/l Al	200	---	---	---	0	---
Amónio	0	0	---	mg/L NH ₄	0,5	---	---	---	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	0,01	---	---	---	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	---	
Carbono orgânico total (COT)	0	0	---	mg/l	---	SAA	---	---	0	---	
Chumbo	0	0	---	µg/l Pb	10	---	---	---	0	---	
Cianetos	0	0	---	µg/l CN	50	---	---	---	0	---	
Cloretos	0	0	---	mg/l Cl	250	---	---	---	0	---	
Clostridium perfringens (incluindo esporos)	0	0	---	N/100ml	0	---	---	---	0	---	
Cobre	0	0	---	mg/L Cu	2,0	---	---	---	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 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	---	
Magnésio	0	0	---	mg/L Mg	---	≤ 50	---	---	0	---	
Manganés	0	0	---	µg/l Mn	50	---	---	---	0	---	
Mercurio	0	0	---	µg/l Hg	1	---	---	---	0	---	
Níquel	0	0	---	µg/l Ni	20	---	---	---	0	---	
Nitros	0	0	---	mg/L NO ₂	0,1	---	---	---	0	---	
Rádio	0	0	---	Bq/L	500 Bq/L	---	---	---	0	---	
Rádio-226	a)	0	---	Bq/L	0,5	---	---	---	0	---	
Pesticidas totais	0	0	---	µg/l	0,5	---	---	---	0	---	
Alacloro	0	0	---	ng/L	0,1	---	---	---	0	---	
Bentazona	0	0	---	µg/L	0,1	---	---	---	0	---	
Clorpirifos	0	0	---	µg/L	0,1	---	---	---	0	---	
Dimetoato	0	0	---	ng/L	0,1	---	---	---	0	---	
Ometoato	0	0	---	ug/L	0,1	---	---	---	0	---	
Diurão	0	0	---	µg/l	0,1	---	---	---	0	---	
Imidaclopride	0	0	---	µg/L	0,1	---	---	---	0	---	
Isoprofurão	0	0	---	µg/L	0,1	---	---	---	0	---	
Linurão	0	0	---	µg/l	0,1	---	---	---	0	---	
MCPA	0	0	---	µg/L	0,1	---	---	---	0	---	
Metaxil / Metaxil-M	0	0	---	µg/l	0,1	---	---	---	0	---	
Metalacloro / S-Metalacloro	0	0	---	µg/l	0,1	---	---	---	0	---	
Oxamil	0	0	---	µg/L	0,1	---	---	---	0	---	
Simazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Dimetilsimazina	0	0	---	µg/l	0,1	---	---	---	0	---	
Terbutilazina	0	0	---	µg/l	0,1	---	---	---	0	---	
Desetilterbutilazina	0	0	---	µg/l	0,1	---	---	---	0	---	
Polónio-210	a)	0	---	Bq/L	0,1	---	---	---	0	---	
Selénio	0	0	---	µg/l Se	10	---	---	---	0	---	
Sódio	0	0	---	mg/l Na	200	---	---	---	0	---	
Tetracloroetano	0	0	---	µg/l	10	---	---	---	0	---	
Trihalometanos Total	0	0	---	µg/l	100	---	---	---	0	---	
Bromofórmio	0	0	---	µg/l	100	---	---	---	0	---	
Clorofórmio	0	0	---	µg/l	100	---	---	---	0	---	
Bromodiorometano	0	0	---	µg/l	100	---	---	---	0	---	
Dibromodiorometano	0	0	---	µg/l	100	---	---	---	0	---	
Sulfatos	0	0	---	mg/l SO ₄	250	---	---	---	0	---	
Tricloroetano	0	0	---	µg/l	10	---	---	---	0	---	
Urânio-234	a)	0	---	Bq/L	2,8	---	---	---	0	---	
Urânio-238	a)	0	---	Bq/L	3	---	---	---	0	---	
Benzo(b)fluoranteno	0	0	---	µg/l	0,1	---	---	---	0	---	
Benzo(k)fluoranteno	0	0	---	µg/l	0,1	---	---	---	0	---	
Benzo(a,h,i)perileno	0	0	---	µg/l	0,1	---	---	---	0	---	
Indeno(1,2,3-cd)pireno	0	0	---	µg/l	0,1	---	---	---	0	---	
Oxidabilidade	0	0	---	mg/L O ₂	5	---	---	---	0	---	
TOTAL		13	13							0	---

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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