

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE								1º Trimestre	
		Zona de Abastecimento: PE02_CASAL ARRUDA_2024								2024	
Em conformldade 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	0	100
	Cloro residual livre	1	1	100	mg/L Cl ₂	---	≥ 0,2 e ≤ 0,6	0,8	0,8	0	100
	E. coli	1	1	100	UFC/100mL	0	---	0	0	0	100
CR2	Alumínio	1	1	100	µg/L Al	200	---	24,6	24,6	0	100
	Cheiro	1	1	100	Factor diluição	3	---	<1	<1	0	100
	Condutividade	1	1	100	µS/cm a 20°C	2500	---	129	129	0	100
	Cor	1	1	100	mg/L PtCo	20	---	<3,0	<3,0	0	100
	Clostridium perfringens (incluindo esporos)	1	1	100	UFC/100mL	0	---	0	0	0	100
	Enterococos intestinais	1	1	100	UFC/100mL	0	---	0	0	0	100
	Nitratos	1	1	100	mg/l NO ₃	50	25	1,3	1,3	0	100
	Número de colónias a 22°C	1	1	100	UFC/mL	SAA	100	0	0	0	100
	pH	1	1	100	Unidades de pH	≥ 6,5 e ≤ 9,5	---	8,0	8,0	0	100
	Sabor	1	1	100	Factor diluição	3	---	<1	<1	0	100
CI	Turbvação	1	1	100	NTU	≤ 1	---	<0,20	<0,20	0	100
	Cheiro	0	0	---	Factor de diluição	3	---	---	---	0	---
	1,2-dicloroetano	0	0	---	µg/L	3	---	---	---	0	---
	Alfa total	0	0	---	Bq/L	0,1	---	---	---	0	---
	Amónio	0	0	---	mg/L NH4	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	---
	Benzo(a)pireno	0	0	---	µg/L	---	---	---	---	0	---
	Boro	0	0	---	mg/L B	1	---	---	---	0	---
	Bromatos	0	0	---	µg/L BrO3	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	---
	Cloratos	0	0	---	mg/L	0,7	---	---	---	0	---
	Cloritos	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 CaCO3	---	≥ 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(b)fluoranteno	0	0	---	µg/L	---	---	---	---	0	---
	Benzo(a)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	---
	Manganés	0	0	---	µg/L Mn	60	---	---	---	0	---
	Mercurio	0	0	---	µg/L Hg	1	---	---	---	0	---
	Níquel	0	0	---	µg/L Ni	20	---	---	---	0	---
	Nitritos	0	0	---	mg/L NO2	0,1	---	---	---	0	---
	Rádão	0	0	---	Bq/L	500	---	---	---	0	---
	Rádio-226	0	0	---	Bq/L	0,5	---	---	---	0	---
	Oxidabilidade	0	0	---	mg/L O2	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	---
	Dimetenamida-P	0	0	---	µg/L	0,1	---	---	---	0	---
	METS6PH051	0	0	---	µg/L	0,1	---	---	---	0	---
	Dimetoato	0	0	---	µg/L	0,1	---	---	---	0	---
	Ometoato	0	0	---	µg/L	0,1	---	---	---	0	---
	Diurão	0	0	---	µg/L	0,1	---	---	---	0	---
	Imidaclopride	0	0	---	µg/L	0,1	---	---	---	0	---
	Isoproturão	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	---
	Metolaclo	0	0	---	µg/L	0,1	---	---	---	0	---
	Metribuzina	0	0	---	µg/L	0,1	---	---	---	0	---
	Oxamil	0	0	---	µg/L	0,1	---	---	---	0	---
	Simazina	0	0	---	µg/L	0,1	---	---	---	0	---
	Desetilsimazina	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	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	---
	Tetracloreteno e Tricloroeteno	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	---
	Diclorofórmio	0	0	---	µg/L	---	---	---	---	0	---
	Dibromodiclorometano	0	0	---	µg/L	---	---	---	---	0	---
	Sulfatos	0	0	---	mg/L SO4	250	---	---	---	0	---
	Urânio-234	0	0	---	Bq/L	2,8	---	---	---	0	---
TOTAL		14	14	100							

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

O Presidente do Conselho de Administração,

O Diretor Delegado

Técnico Responsável

Henrique Bertino Batista Antunes

Samuel Luis (engº)

Marcia Reis (engº)