

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE: PENICHE							3º Trimestre		
		Zona de Abastecimento: PE02_CASAL ARRUDA_2024							2024		
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	---	UFC/100mL	0	---	0	---	0	100
	Cloro residual livre	1	1	---	mg/L Cl ₂	---	≥ 0,2 e ≤ 0,6	0,5	---	0	100
	E. coli	1	1	---	UFC/100mL	0	---	0	---	0	100
CR2	Alumínio	1	1	---	µg/L Al	200	---	<20,0	---	0	100
	Cheiro	1	1	---	Factor de diluição	3	---	≤1	---	0	100
	Condutividade	1	1	---	µS/cm a 20°C	2500	---	134	---	0	100
	Cor	1	1	---	mg/L PtCo	20	---	≤3	---	0	100
	Clostridium perfringens (incluindo esporos)	1	1	---	UFC/100mL	0	---	0	---	0	100
	Enterococo intestinais	1	1	---	UFC/100mL	0	---	0	---	0	100
	Nitratos	1	1	---	mg/L NO ₃	50	25	<1,0	---	0	100
	Numero de colónias a 22°C	1	1	---	UFC/mL	SAA	100	0	---	0	100
	pH	1	1	---	Unidades de pH	≥ 6,5 e ≤ 9,5	---	8,3	---	0	100
	Sabor	1	1	---	Factor diluição	3	---	≤1	---	0	100
CI	Turvação	1	1	---	NTU	≤ 1	---	<0,20	---	0	100
	1,2-dicloroetano	0	0	---	µg/L	3	---	---	---	---	---
	Alfa total	0	0	---	Bq/L	0,1	---	---	---	---	---
	Amónio	0	0	---	mg/L NH4	0,5	---	---	---	---	---
	Antimónio	0	0	---	µg/L Sb	5,0	---	---	---	---	---
	Arsénio	0	0	---	µg/L As	10	---	---	---	---	---
	Benzeno	0	0	---	µg/L	1	---	---	---	---	---
	Benzo(a)pireno	0	0	---	µg/L	0,01	---	---	---	---	---
	Boro	0	0	---	mg/L B	1,0	---	---	---	---	---
	Bromatos	0	0	---	µg/L BrO3	10	---	---	---	---	---
	Cádmio	0	0	---	µg/L Cd	5,0	---	---	---	---	---
	Cálcio	0	0	---	mg/L Ca	---	<100	---	---	---	---
	Carbono orgânico total (COT)	0	0	---	mg/L C	SAA	---	---	---	---	---
	Chumbo	0	0	---	µg/L Pb	10	---	---	---	---	---
	Cianetos	0	0	---	µg/L CN	50	---	---	---	---	---
	Cloratos	0	0	---	mg/L ClO3	0,7	---	---	---	---	---
	Cloratos	0	0	---	mg/L Cl	250	---	---	---	---	---
	Cloritos	0	0	---	mg/L ClO2	0,7	---	---	---	---	---
	Cobre	0	0	---	mg/L Cu	2,0	---	---	---	---	---
	Crómio	0	0	---	µg/L Cr	50	---	---	---	---	---
	Dose Indicativa total	0	0	---	mSv/ano	0,1	---	---	---	---	---
	Dureza total	0	0	---	mg/L CaCO3	---	≥ 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	0,10	---	---	---	---	---
	Benzo(b)fluoranteno	0	0	---	µg/L	---	---	---	---	---	---
	Benzo(k)fluoranteno	0	0	---	µg/L	---	---	---	---	---	---
	Benzo(a,h,i)perileno	0	0	---	µg/L	---	---	---	---	---	---
	Indeno(1,2,3-cd)pireno	0	0	---	µg/L	---	---	---	---	---	---
	Magnésio	0	0	---	mg/L Mg	---	≤ 50	---	---	---	---
	Manganês	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 NO2	0,1	---	---	---	---	---
	Radão	0	0	---	Bq/L	500	---	---	---	---	---
	Radão-226	0	0	---	Bq/L	0,5	---	---	---	---	---
	Oxidabilidade	0	0	---	mg/L O ₂	5	---	---	---	---	---
	Pesticidas totais	0	0	---	µg/L	0,50	---	---	---	---	---
	Alacloro	0	0	---	µg/L	0,1	---	---	---	---	---
	Bentoazina	0	0	---	µg/L	0,1	---	---	---	---	---
	Clorpirifos	0	0	---	µg/L	0,1	---	---	---	---	---
	Dimetamidati-P	0	0	---	µg/L	0,1	---	---	---	---	---
	M656PH051	0	0	---	µg/L	0,1	---	---	---	---	---
	Dimetato	0	0	---	µg/L	0,1	---	---	---	---	---
	Ometoato	0	0	---	µg/L	0,1	---	---	---	---	---
	Diurão	0	0	---	µg/L	0,1	---	---	---	---	---
	Imidaclopride	0	0	---	µg/L	0,1	---	---	---	---	---
	Isoproturão	0	0	---	µg/L	0,1	---	---	---	---	---
	Linurão	0	0	---	µg/L	0,10	---	---	---	---	---
	MCPA	0	0	---	µg/L	0,1	---	---	---	---	---
	Metalaxil / Metalixil-M	0	0	---	µg/L	0,1	---	---	---	---	---
	Metolaclo	0	0	---	µg/L	0,1	---	---	---	---	---
	Metribuzina	0	0	---	µg/L	0,1	---	---	---	---	---
	Oxamyl	0	0	---	µg/L	0,1	---	---	---	---	---
	Simazina	0	0	---	µg/L	0,1	---	---	---	---	---
	Desetilsimazina	0	0	---	µg/L	0,1	---	---	---	---	---
	Terbutilazina	0	0	---	µg/L	0,10	---	---	---	---	---
	Desetilterbutilazina	0	0	---	µg/L	0,1	---	---	---	---	---
	Polónio-210	0	0	---	Bq/L	0,1	---	---	---	---	---
	Potássio	0	0	---	mg/L K	---	---	---	---	---	---
	Selénio	0	0	---	µg/L Se	10	---	---	---	---	---
	Sódio	0	0	---	mg/L Na	200	---	---	---	---	---
	Tetracloroeteno e Tricloroeteno	0	0	---	µg/L	10	---	---	---	---	---
	Trihalometanos total (THM)	0	0	---	µg/L	100	---	---	---	---	---
	Bromoformio	0	0	---	µg/L	---	---	---	---	---	---
	Bromodiclorometano	0	0	---	µg/L	---	---	---	---	---	---
	Cloroformio	0	0	---	µg/L	---	---	---	---	---	---
	Dibromodiclorometano	0	0	---	µg/L	---	---	---	---	---	---
	Sulfatos	0	0	---	mg/L SO ₄	250	---	---	---	---	---
	Urânio-234	0	0	---	Bq/L	2,6	---	---	---	---	---
	Urânio-238	0	0	---	Bq/L	3	---	---	---	---	---
TOTAL		14	14								

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
Henrique B. Pinheiro Batista Antunes Samuel Reis (eng.º) Mária Reis (eng.º)