



Em conformidade com o Decreto-Lei n.º 306/2007, de 27 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).

4.º Trimestre 2022  
01 Outubro  
31 Dezembro

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	3	1	99%	62	62	100%
Bactérias coliformes (N/100 ml)	0	0	>100	2	96%	62	62	100%
Desinfetante residual (mg/L)	---	0.1	>1.5	---	100%	62	62	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	<0.02	<0.02	---	100%	3	3	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	>300	---	100%	30	30	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	>300	---	100%	30	30	100%
Condutividade (µS/cm a 20°C)	2500	383	1700	---	100%	30	30	100%
Cor (mg/L PtCo)	20	<2	3.9	---	100%	30	30	100%
pH (Unidades pH)	≥6,5 e ≤9	7.2	8.9	---	100%	30	30	100%
Manganês (µg/L Mn)	50	<15	520	3	88%	27	27	100%
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	<10	<10	---	100%	1	1	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	1.5	4.2	---	100%	11	11	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	---	100%	30	30	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	---	100%	30	30	100%
Turvação (NTU)	4	<0.3	3.5	---	100%	30	30	100%
Alumínio (µg/L AL)	200	<10	112	---	100%	11	11	100%
Antimónio <sup>2</sup> (µg/L Sb)	5	<1.5	<1.5	---	100%	1	1	100%
Arsénio <sup>2</sup> (µg/L As)	10	<3	<3	---	100%	1	1	100%
Benzeno <sup>2</sup> (µg/L)	1,0	<0.3	<0.3	---	100%	1	1	100%
Benzo (a) Pireno	0,01	<0.003	<0.003	---	100%	3	3	100%
Boro <sup>2</sup> (mg/L B)	1,0	<0.15	<0.15	---	100%	1	1	100%
Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )	10	<3	<3	---	100%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	0	0	---	100%	12	12	100%
Cádmio <sup>2</sup> (µg/L Cd)	5,0	<1	<1	---	100%	1	1	100%
Cálcio (mg/L Ca)	---	35.5	90	---	100%	3	3	100%
Chumbo (µg/L Pb)	25,0	<3	4.6	---	100%	3	3	100%
Cianetos <sup>2</sup> (µg/L CN)	50	<15	<15	---	100%	1	1	100%
Cobre (mg/L Cu)	2,0	<0.02	<0.02	---	100%	3	3	100%
Crómio <sup>3</sup> (µg/L Cr)	50	<2	<2	---	100%	3	3	100%
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	<0.3	<0.3	---	100%	1	1	100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	160	560	---	100%	3	3	100%
Enterococos (N/100 mL)	0,0	0	0	---	100%	30	30	100%
Ferro (µg/L Fe)	200	<50	160	---	100%	26	26	100%
Fluoretos <sup>2</sup> (mg/L F)	1,5	0.38	0.38	---	100%	1	1	100%
Magnésio (mg/L Mg)	---	17	81	---	100%	3	3	100%
Mercurio <sup>2</sup> (µg/L Hg)	1	<0.2	<0.2	---	100%	1	1	100%
Níquel (µg/L Ni)	20	<5	<5	---	100%	3	3	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	<0.02	<0.02	---	100%	3	3	100%
Selénio <sup>2</sup> (µg/L Se)	10	<3	<3	---	100%	1	1	100%
Cloretos <sup>2</sup> (mg/L Cl)	250	120	280	1	75%	4	4	100%
Sódio <sup>2</sup> (mg/L Na)	200	92	150	---	100%	3	3	100%
Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )	250	100	100	---	100%	1	1	100%
Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L):	10	<0.3	<3	---	100%	---	---	100%
Tetracloroetano (µg/L)	---	<3	<3	---	100%	1	1	100%
Tricloroetano (µg/L)	---	<0.3	<0.3	---	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	<0.01	<0.01	---	100%	---	---	100%
Benzo(b)fluoranteno (µg/L)	---	<0.01	<0.01	---	100%	3	3	100%
Benzo(k)fluoranteno (µg/L)	---	<0.01	<0.01	---	100%	3	3	100%
Benzo(ghi)perileno (µg/L)	---	<0.01	<0.01	---	100%	3	3	100%
Indeno(1,2,3-cd)pireno (µg/L)	---	<0.01	<0.01	---	100%	3	3	100%
Trihalometanos - total (µg/L):	100	<3	132	1	66%	---	---	100%
Clorofórmio (µg/L)	---	<3	68	---	100%	3	3	100%
Bromofórmio (µg/L)	---	7	8	---	100%	3	3	100%
Bromodichlorometano (µg/L)	---	<3	31	---	100%	3	3	100%
Dibromochlorometano (µg/L)	---	<3	25	---	100%	3	3	100%
Radão (Bq/L) <sup>2</sup>	500	---	---	---	---	---	---	---
Alpha total (Bq/L) <sup>2</sup>	0,1	0.12	0.12	1	99%	1	1	100%
Beta total (Bq/L) <sup>2</sup>	1	---	---	---	---	---	---	---
Urânio 234 (Bq/L) <sup>2</sup>	---	0.03	0.03	---	100%	1	1	100%
Urânio 238 (Bq/L) <sup>2</sup>	---	<0.01	<0.01	---	100%	1	1	100%
Polónio 210 (Bq/L) <sup>2</sup>	---	<0.01	<0.01	---	100%	1	1	100%
Rádio 226 (Bq/L) <sup>2</sup>	---	<0.02	<0.02	---	100%	1	1	100%
Dose indicativa total (Bq/L) <sup>2</sup>	1	<0.1	<0.1	---	100%	1	1	100%
Pesticidas - total (µg/L) <sup>2</sup>	0,5	<0.03	<0.03	---	100%	---	---	100%
Alacloro (µg/L)	0,1	---	---	---	---	---	---	---
Atrazina (µg/L)	0,1	---	---	---	---	---	---	---
Bentazona (µg/L)	0,1	<0.03	<0.03	---	100%	1	1	100%
Clorpirifos <sup>2</sup> (µg/L)	---	<0.03	<0.03	---	100%	1	1	100%
Desetilatraxina (µg/L)	0,1	---	---	---	---	---	---	---
Desetilbutilazina (µg/L)	0,1	---	---	---	---	---	---	---
Dimetoato (µg/L)	---	<0.03	<0.03	---	100%	1	1	100%
Diurão (µg/L)	0,1	---	---	---	---	---	---	---
Imidaclopride (µg/L)	0,1	---	---	---	---	---	---	---
Linurão (µg/L)	0,1	---	---	---	---	---	---	---
MCPA <sup>2</sup> (µg/L)	0,1	---	---	---	---	---	---	---
Mecoprope (µg/L)	0,1	---	---	---	---	---	---	---
Metalaxil (µg/L)	0,1	---	---	---	---	---	---	---
Ometoato <sup>2</sup> (µg/L)	0,1	<0.025	<0.025	---	100%	1	1	100%
Oxadiazão (µg/L)	0,1	---	---	---	---	---	---	---
Terbucanazol (µg/L)	0,1	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,1	---	---	---	---	---	---	---

NOTA 1:

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Aldeia dos Buracos/Cercas/Mt. Abixo (parâmetro manganês) - Causas - Falha no sistema de tratamento, Medidas Corretivas - Substituição do meio filtrante do filtro desferizador. Análises posteriores não confirmaram o incumprimento; Monte João dias (parâmetro Cloretos) Causas - Características naturais (hidrogeológicas) da origem de água; Medidas Corretivas - Misturar a água das duas origens (furo e poço) uma vez que o poço normalmente não tem excesso de cloretos presente na água. Monte da Achruva (parâmetro Alfa Total) - Causas - características naturais (hidrogeológicas) da origem de água. Medidas Corretivas - Não foram tomadas medidas porque se concluiu que a dose indicativa é inferior a 0,10mSv, Monte Clérigo (parâmetro bactérias) - Causas - Dosagem inadequada de reagente, Medidas Corretivas - Reforço de cloro na rede. Análises posteriores não confirmaram o incumprimento. Aguarda-se por reabilitação do sistema : Semblana e