ÁGUAS DO CENTRO LITORAL
Grupo Águas de Portugal

RELATÓRIO DE QUALIDADE DA ÁGUA

Ponto de Entrega: Feijoal - 1º Trimestre 2021

	Parâmetros	Unidades	Análises		Valores		Valor Paramétrico	Cumprimento legislação (%)
			Previstas	Realizadas (%)	Mínimo	Máximo		
Controlo rotina 1								
	Desinfetante residual	mg/L Cl_2	2	100	1,0	1,0	---	---
	Batérias coliformes	N/100 mL	2	100	0	0	0	100
	Escherichia Coli	N/100 mL	2	100	0	0	0	100
Controlo rotina 2								
	Alumínio	µg/L Al	1	100	520	520	200	0
	Cheiro, a 25ºC	Fator de diluição	1	100	< 1	< 1	3	100
	Condutividade	µS/cm a 20°C	1	100	73	73	2500	100
	Cor	mg/L Pt-Co	1	100	< 2,0	< 2,0	20	100
	Enterococos	N/100 mL	1	100	0	0	0	100
	Ferro	µg/L Fe	1	100	330	330	200	0
	Manganês	µg/L Mn	1	100	11	11	50	100
	Número de colónias a 36 °C	N/mL	1	100	N.D.	N.D.	---	---
	Número de colónias a 22 °C	N/mL	1	100	N.D.	N.D.	---	---
	pH	Esc. Sorensen	1	100	7,3	7,3	6,5 - 9,5	100
	Sabor, a 25ºC	TFN	1	100	< 1	< 1	3	100
	Turvação	NTU	1	100	1,3	1,3	4	0
Controlo inspecção								
(*)	1,2-Dicloroetano	µg/L	0	---	---	---	3,0	---
(*)	Antimónio	µg/L Sb	0	---	---	---	5,0	---
(*)	Arsénio	µg/L As	0	---	---	---	10	---
	Azoto Amoniacal	mg/L NH_4	0	---	---	---	0,50	---
(*)	Benzeno	µg/L	0	---	---	---	1,0	---
(*)	Boro	mg/L B	0	---	---	---	1,0	---
(*)	Bromatos	µg/L BrO_3	0	---	---	---	10	---
(*)	Cádmio	µg/L Cd	0	---	---	---	5,0	---
	Cálcio	mg/L Ca	0	---	---	---	---	---
	Chumbo	µg/L Pb	0	---	---	---	25	---
(*)	Cianetos	µg/L Cn	0	---	---	---	50	---
(*)	Cloretos	mg/L Cl	0	---	---	---	250	---
	Clostridium Perfringens	N/100 mL	0	---	---	---	0	---
	Cobre	mg/L Cu	0	---	---	---	2,0	---
	Crómio	µg/L Cr	0	---	---	---	50	---
	Dureza Total	mg/L $CaCO_3$	0	---	---	---	---	---
(*)	Fluoretos	mg/L F	0	---	---	---	1,5	---
	Hidrocarbonetos Aromáticos Policíclicos (HAP)	µg/L	0	---	---	---	0,10	---
	HAP Benzo(a)pireno	µg/L	0	---	---	---	0,010	---
	HAP Benzo(b)fluoranteno	µg/L	0	---	---	---	---	---
	HAP Benzo(ghi)perileno	µg/L	0	---	---	---	---	---
	HAP Benzo(k)fluoranteno	µg/L	0	---	---	---	---	---
	HAP Indeno(123cd)pireno	µg/L	0	---	---	---	---	---
	Magnésio	mg/L Mg	0	---	---	---	---	---
(*)	Mercúrio	µg/L Hg	0	---	---	---	1	---
	Níquel	µg/L Ni	0	---	---	---	20	---
(*)	Nitratos	mg/L NO_3	0	---	---	---	50	---
	Nitritos	mg/L NO_2	0	---	---	---	0,5	---
	Oxidabilidade	mg/L O_2	0	---	---	---	5	---
(*)	Pesticidas (Pest.) Total	µg/L	0	---	---	---	0,50	---
(*)	Pest. Desetilterbutilazina	µg/L	0	---	---	---	0,10	---
(*)	Pest. Diurão	µg/L	0	---	---	---	0,10	---
(*)	Pest. Imidaclopride	µg/L	0	---	---	---	0,10	---
(*)	Pest. Terbutilazina	µg/L	0	---	---	---	0,10	---
(*)	Rad. Atividade Alfa Total	Bq/L	0	---	---	---	0,5	---
	Radão	Bq/L Rn	0	---	---	---	500	---
(*)	Selénio	µg/L Se	0	---	---	---	10	---
(*)	Sódio	mg/L Na	0	---	---	---	200	---
(*)	Sulfatos	mg/L SO_4	0	---	---	---	250	---
(*)	Tetracloroetileno e Tricloroetileno	µg/L	0	---	---	---	10	---
(*)	Tetracloroetileno	µg/L	0	---	---	---	---	---
(*)	Tricloroetileno	µg/L	0	---	---	---	---	---
	Trihalometanos (THM) Total	µg/L	0	---	---	---	80	---
	THM Bromodiclorometano	µg/L	0	---	---	---	---	---
	THM Bromofórmio	µg/L	0	---	---	---	---	---
	THM Clorodibromometano	µg/L	0	---	---	---	---	---
	THM Clorofórmio	µg/L	0	---	---	---	---	---

(*) Parâmetros conservativos
SAA Sem Alteração Anormal
N.D. Não Detetado
(<) O sinal "menor que" (<) indica um resultado abaixo do limite de quantificação do método

Informação complementar relativa à averiguação das situações de incumprimento dos Valores Paramétricos (VP):

Foram detetadas três situações de não-conformidade, uma no parâmetro alumínio, outra no parâmetro ferro e outra no parâmetro turvação.

O Alumínio tem uma baixa toxicidade aguda, não representando especial perigo para as pessoas saudáveis.

O Ferro, até um valor de 2000 µg/L, de acordo com a OMS, não representa um perigo para a Saúde Pública.

O parâmetro Turvação também não representa, por si só, um risco para a saúde, podendo, no entanto, uma turvação elevada na água interferir com os processos de desinfeção, o que não se verificou.

Trataram-se de situações pontuais, que foram rapidamente ultrapassadas.