

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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,5	0,7	---	---	3	3	100%
Cheiro a 25 °C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25 °C	3	Fator de diluição	<1	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,7	7,7	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	364	364	0	100%	1	1	100%
Cor	20	mg/l PtCo	<2	<2	0	100%	1	1	100%
Turvação	4	UNT	<0,5	<0,5	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	<1	<1	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	<1	<1	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	64	64	0	100%	1	1	100%
Manganês	50,00	µg/l Mn	<15	<15	0	100%	1	1	100%
Amónio	0,5	mg/l NH4	<0,02	<0,02	---	100%	1	1	100%
Antimónio (1)	5	µg/l Sb	---	---	---	---	---	---	---
Arsénio (1)	10,0	µg/l As	---	---	---	---	---	---	---
Benzeno (1)	1,000	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,0	µg/l	<0,005	<0,005	---	100%	1	1	100%
Boro (1)	1	mg/l B	---	---	---	---	---	---	---
Bromatos (1)	10,0	µg/l BrO3	---	---	---	---	---	---	---
Cádmio (1)	5	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	16,7	16,7	---	---	1	1	100%
Carbono Orgânico Total (COT)	---	mg/l C	1,8	1,8	---	---	1	1	100%
Cianetos (1)	50	µg/l CN	---	---	---	---	---	---	---
Cloretos (1)	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	0,07	0,07	---	100%	1	1	100%
Cloratos	0,7	mg/l ClO3	0,52	0,52	---	100%	1	1	100%
Chumbo	10,0	µg/l Pb	<3	<3	---	100%	1	1	100%
Cobre	2	mg/l Cu	<0,3	<0,3	---	100%	1	1	100%
Crómio	50,0	µg/l Cr	<2	<2	---	100%	1	1	100%
1,2 – dicloroetano (1)	3	µg/l	---	---	---	---	---	---	---
Dureza total	---	mg/l CaCO3	310	310	---	---	1	1	100%
Ferro	200	µg/l Fe	<50	<50	---	100%	1	1	100%
Fluoretos (1)	1,50	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,1	µg/l	<0,010	<0,010	---	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,03	<0,03	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,03	<0,03	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,03	<0,03	---	---	1	1	100%
Indeno(1,2,3-cd)pireno (1)	---	µg/l	<0,03	<0,03	---	---	---	---	---
Magnésio	---	mg/l Mg	19	19	---	---	1	1	100%
Nitratos (1)	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO2	<0,02	<0,02	---	100%	1	1	100%
Mercurio (1)	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	<5,00	<5,00	---	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	<1,5	<1,5	---	100%	1	1	100%
Pesticidas - total (1)	0,50	µg/l	---	---	---	---	---	---	---
Pesticida 1	0,10	µg/l	---	---	---	---	---	---	---
Pesticida 2	0,10	µg/l	---	---	---	---	---	---	---
Pesticida 3	0,10	µg/l	---	---	---	---	---	---	---
Pesticida 4	0,10	µg/l	---	---	---	---	---	---	---
Selénio (1)	10	µg/l Se	---	---	---	---	---	---	---
Sódio (1)	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos (1)	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano: (1)	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/l	17	17	---	100%	1	1	100%
Clorofórmio	---	µg/l	2,99	2,99	---	---	1	1	100%
Bromofórmio	---	µg/l	5	5	---	---	1	1	100%
Bromodichlorometano	---	µg/l	4	4	---	---	1	1	100%
Dibromoclorometano	---	µg/l	8	8	---	---	1	1	100%
Dose indicativa (1)	0,10	mSv	---	---	---	---	---	---	---
Radão	500	Bq/l	15,3	15,3	---	100%	1	1	100%

NOTA 1: Parâmetro analisado pela entidade gestora em alta: Águas do Algarve, SA (n.º 2 e 3 do art. 11º do DL n.º 306/2007, Alterado pelo Decreto-Lei n.º 152/2017)

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

Os resultados obtidos no presente trimestre sobre a qualidade da água distribuída no Concelho de Portimão cumprem com as normas de qualidade fixadas na legislação.

Data: **25 de janeiro de 2023**

**O Diretor Geral:**