

CÂMARA MUNICIPAL DE PALMELA	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO CONCELHO DE PALMELA	2.º TRIMESTRE
	ZONA DE ABASTECIMENTO: CARRASCAS	ANO 2026

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 consta no Programa de Controlo da Qualidade da Água (PCQA).

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</i> (<i>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	0,3	0,4	0	100%	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	7,3	7,3	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	471	471	0	100%	1	1	100%
Cor	20	mg/l PtCo	<2	<2	0	100%	1	1	100%
Turvação	4	UNT	<0,3	<0,3	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	ND	ND	0	100%	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	---	---	---	---	0	0	100%
Ácidos Haloacéticos (HAA) (*)	60	µg/l	---	---	---	---	0	0	100%
Ácido Monobromoacético	---	µg/L	---	---	---	---	0	0	100%
Ácido Monocloroacético	---	µg/L	---	---	---	---	0	0	100%
Ácido Dicloroacético	---	µg/L	---	---	---	---	0	0	100%
Ácido Tricloroacético	---	µg/L	---	---	---	---	0	0	100%
Ácido Dibromoacético	---	µg/L	---	---	---	---	0	0	100%
Soma de PFAS *	0,10	µg/l	---	---	---	---	0	0	100%
Ácido perfluorooctanossulfónico (PFOS)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorobutanóico (PFBA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluoropentanóico (PFPA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorohexanóico (PFHxA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluoroheptanóico (PFHpA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorooctanóico (PFOA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorononanóico (PFNA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorodecanóico (PFDA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluoroundecanóico (PFUnDA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorododecanóico (PFDoDA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorotridecanóico (PFTTrDA)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorobutanossulfónico (PFBS)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluoropentanossulfónico (PFPS)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorohexanossulfónico (PFHxS)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluoroheptanossulfónico (PFHpS)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorononanossulfónico (PFNS)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorodecanossulfónico (PFDS)	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluoroundecanossulfónico	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorododecanossulfónico	---	µg/L	---	---	---	---	0	0	100%
Ácido perfluorotridecanossulfónico	---	µg/L	---	---	---	---	0	0	100%
Bisfenol A	2,5	µg/L	---	---	---	---	0	0	100%
Alumínio	200	µg/L Al	---	---	---	---	0	0	100%
Amónio	0,50	mg/l NH ₄	---	---	---	---	0	0	100%
Antimónio	10	µg/l Sb	---	---	---	---	0	0	100%
Arsénio	10	µg/l As	---	---	---	---	0	0	100%
Benzeno	1,0	µg/l	---	---	---	---	0	0	100%
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	100%
Boro	1,5	mg/l B	---	---	---	---	0	0	100%
Bromatos	10	µg/l BrO ₃	---	---	---	---	0	0	100%
Cádmio	5,0	µg/l Cd	---	---	---	---	0	0	100%
Cálcio	---	mg/l Ca	---	---	---	---	0	0	100%
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	0	0	100%
Cianetos	50	µg/l CN	---	---	---	---	0	0	100%
Cloretos	250	mg/l Cl	---	---	---	---	0	0	100%
Cloritos	0,25	mg/l ClO ₂	---	---	---	---	0	0	100%
Cloratos	0,25	mg/l ClO ₃	---	---	---	---	0	0	100%
Chumbo	10	µg/l Pb	<3	<3	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	100%
Crómio	50	µg/l Cr	---	---	---	---	0	0	100%
1,2-dicloroetano	3,0	µg/l	---	---	---	---	0	0	100%
Dureza total	---	mg/l CaCO ₃	---	---	---	---	0	0	100%
Ferro	200	µg/l Fe	---	---	---	---	0	0	100%
Fluoretos	1,5	mg/l F	---	---	---	---	0	0	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP) (*)	0,10	µg/l	---	---	---	---	0	0	100%
Benzo(a)pireno (µg/L)	0,01	µg/l	---	---	---	---	0	0	100%
Benzo(b)fluoranteno (µg/L)	---	µg/l	---	---	---	---	0	0	100%
Benzo(k)fluoranteno (µg/L)	---	µg/l	---	---	---	---	0	0	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	0	0	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	µg/l	---	---	---	---	0	0	100%
Magnésio	---	mg/l Mg	---	---	---	---	0	0	100%
Manganês	50	µg/l Mn	---	---	---	---	0	0	100%
Mercurio	1,0	µg/l Hg	---	---	---	---	0	0	100%
Nitratos	50	mg/l NO ₃	---	---	---	---	0	0	100%
Nitritos	0,50	mg/l NO ₂	---	---	---	---	0	0	100%
Níquel	20	µg/l Ni	---	---	---	---	0	0	100%
Oxidabilidade	5,0	mg/l O ₂	---	---	---	---	0	0	100%
Pesticidas Total	0,50	µg/l	<0,03	<0,03	0	100%	1	1	100%

Dimetenamida-P (ug/l)	0,10	µg/l	---	---	---	---	0	0	100%
M656PH051(ug/l)	0,10	µg/l	---	---	---	---	0	0	100%
AMPA	0,10	µg/l	---	---	---	---	0	0	100%
Glifosato	0,10	µg/l	---	---	---	---	0	0	100%
Desetil-terbutilazina (µg/L)	0,10	µg/l	<0,03	<0,03	0	100%	1	1	100%
Bentazona (µg/L)	0,10	µg/l	<0,03	<0,03	0	100%	1	1	100%
Terbutilazina (µg/L)	0,10	µg/l	<0,03	<0,03	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	<0,03	<0,03	0	100%	1	1	100%
Potássio	---	mg/l K	---	---	---	---	0	0	100%
Selénio	20	µg/l Se	---	---	---	---	0	0	100%
Sódio	200	mg/l Na	---	---	---	---	0	0	100%
Sulfatos	250	mg/l SO ₄	---	---	---	---	0	0	100%
Tricloroeteno e Tetracloroeteno*	10	µg/l	---	---	---	---	0	0	100%
Tetracloroeteno(µg/L)	---	µg/l	---	---	---	---	0	0	100%
Tricloroeteno(µg/L)	---	µg/l	---	---	---	---	0	0	100%
Clorofórmio(µg/L)	---	µg/l	---	---	---	---	0	0	100%
Bromofórmio(µg/L)	---	µg/l	---	---	---	---	0	0	100%
Bromodichlorometano(µg/L)	---	µg/l	---	---	---	---	0	0	100%
Dibromochlorometano(µg/L)	---	µg/l	---	---	---	---	0	0	100%
Trihalometanos - total (THM) (*)	100	µg/l	---	---	---	---	0	0	100%
Urânio	30	µg/l	---	---	---	---	0	0	100%
Alfa Total	---	Bq/l	---	---	---	---	0	0	100%
Dose Indicativa	0,10	mSv	---	---	---	---	0	0	100%
Radionuclídeo 1	---	Bq/l	---	---	---	---	0	0	100%
Radionuclídeo 2	---	Bq/l	---	---	---	---	0	0	100%
Radionuclídeo 3	---	Bq/l	---	---	---	---	0	0	100%
Radionuclídeo 4	---	Bq/l	---	---	---	---	0	0	100%
Radão	500	Bq/l	---	---	---	---	0	0	100%
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas) e ao parecer da Autoridade de Saúde:									
Responsável: (nome e assinatura)						Data da publicação no <i>website</i> : (data coincidente com a publicação efetiva no website da EG)			

(*) - NOTAS:

O resultado de "Hidrocarbonetos Aromáticos Policíclicos (HAP)" corresponde ao resultado determinado com base nas análises realizadas às quatro substâncias individuais: Benzo[b]fluoranteno; Benzo[k]fluoranteno; Benzo[ghi]perileno; Indeno[1,2,3 -cd]pireno.
O resultado de "Tetracloroeteno e Tricloroeteno" corresponde ao resultado determinado com base nas análises realizadas aos dois compostos individuais.
O resultado de "Trihalometanos - total (THM)" corresponde ao resultado determinado com base nas análises realizadas às quatro substâncias individuais: Clorofórmio; Bromofórmio; Dibromoclorometano; Bromodichlorometano.
O resultado de "Ácidos Haloacéticos (HAA)" corresponde ao resultado determinado com base nas análises realizadas às cinco substâncias individuais: Ácido monocloraacético; Ácido dicloroacético; Ácido tricloroacético; Ácido monobromoacético; Ácido dibromoacético.
A "Soma de PFAS" corresponde ao resultado determinado com base nas análises realizadas às 20 substâncias individuais: Ácido perfluorobutanóico (PFBA); Ácido perfluoropentanóico (PFPA); Ácido perfluorohexanóico (PFHxA); Ácido perfluoroheptanóico (PFHpA); Ácido perfluorooctanóico (PFOA); Ácido perfluorononanoico (PFNA); Ácido perfluorodecanoico (PFDA); Ácido perfluoroundecanoico (PFUnDA); Ácido perfluorododecanoico (PFDoDA); Ácido perfluorotridecanoico (PFTrDA); Ácido perfluorobutanossulfónico (PFBS); Ácido perfluoropentanossulfónico (PFPS); Ácido perfluorohexanossulfónico (PFHxS); Ácido perfluoroheptanossulfónico (PFHpS); Ácido perfluorooctanoanossulfónico (PFOS); Ácido perfluorononanoanossulfónico (PFNS); Ácido perfluorodecanossulfónico (PFDS); Ácido perfluoroundecanossulfónico; Ácido perfluorododecanossulfónico; e, Ácido perfluorotridecanossulfónico.