

EYDAP SA DRINKING WATER QUALITY DATA FOR YEAR 2025

PARAMETER	UNIT	No OF TESTS REQUIRED PER YEAR	No OF TESTS CARRIED OUT	2025 AVERAGE VALUE	PARAMETRIC VALUE (CMD 27829/2023, Hellenic Gazette 3525B/25-5-2023)
MICROBIOLOGICAL PARAMETERS					
Enterococci	cfu/100ml	3301	8140	0	0
Escherichia coli (E. coli)	cfu/100ml	3301	8140	0	0
CHEMICAL PARAMETERS					
Acrylamide	µg/l	52	54	N.D.	0,10
Antimony	µg Sb/l	52	118	0,09	10
Arsenic	µg As/l	52	118	N.D.	10
Benzene	µg/l	52	172	N.D.	1,0
Benzo(a) pyrene	µg/l	52	74	N.D.	0,010
Bisphenol A	µg/l	-	25	N.D.	2,5
Boron	µg B/l	52	118	8,9	1500
Bromate	µg BrO ₃ ⁻ /l	52	53	0,46	10
Cadmium	µg Cd/l	52	118	M.A.	5
Chlorate	ClO ₃ ⁻ mg/l	-	111	0,06	0,70
Chlorite	ClO ₂ ⁻ mg/l	-	111	N.D.	0,70
Total Chromium	µg Cr/l	52	118	N.D.	50
Copper	µg Cu/l	52	118	7,3	2000
Cyanide	µg CN ⁻ /l	52	105	N.D.	50

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1,2-dichloroethane	µg/l	52	172	N.D.	3,0
Epichlorohydrin	µg/l	52	54	N.D.	0,10
Fluoride	mg F ⁻ /l	52	105	0,13	1,5
Haloacetic Acids (HAA5)	µg/l	-	24	19,5	60
Lead	µg Pb/l	52	118	0,57	10
Mercury	µg Hg/l	52	118	0,02	1,0
Microcystin-LR	µg/l	-	35	N.D.	1,0
Nickel	µg Ni/l	52	118	0,68	20
Nitrate	mg NO ₃ ⁻ /l	52	105	0,83	50
Nitrite	mg NO ₂ ⁻ /l	52	105	0,01	0,50
Pesticides	µg/l	52	69	N.D.	0,10
Pesticides Total	µg/l	52	69	N.D.	0,50
Sum of PFAS (20 compounds)	µg/l	-	14	0,02	0,10
Polycyclic aromatic hydrocarbons (Sum of concentrations of the following specific compounds: benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, and indeno(1,2,3-cd)pyrene)	µg/l	52	68	N.D.	0,10
Selenium	µg Se/l	52	118	N.D.	20
Tetrachloroethene and Trichloroethene	µg/l	52	171	N.D.	10
Chloroform (CHCl ₃)	µg/l	52	172	14,9	
Dichlorobromomethane (CHBrCl ₂)	µg/l	52	172	6,6	
Dibromochloromethane (CHBr ₂ Cl)	µg/l	52	172	2,8	
Bromoform (CHBr ₃)	µg/l	52	172	0,4	

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Total Trihalomethanes (Sum of the above four compounds)	µg/l	52	172	24,7	100
Uranium	µg U/l	-	118	0,19	30
Vinyl chloride	µg/l	52	54	N.D.	0,50
INDICATOR PARAMETERS					
Aluminium	µg Al/l	3301	4492	123	200
Ammonium	mg NH ₄ ⁺ /l	52	4492	M.A.	0,50
Chloride	mg Cl ⁻ /l	52	113	9,5	250
Clostridium perfringens including spores	cfu/100ml	52	951	0	0
Colour	mg Pt/l	3301	4492	N.D.	Acceptable to consumers and no abnormal change
Conductivity, 25°C	µS/cm	3301	4493	331	2764, 25°C (2500, 20°C)
Hydrogen ion concentration	pH	3301	4493	7,8	6,5-9,5
Iron	µg Fe/l	52	118	15	200
Manganese	µg Mn/l	52	118	3,6	50
Odour		3301	3447	Acceptable	Acceptable to consumers and no abnormal change
Sulphate	mg SO ₄ ²⁻ /l	52	105	25,6	250
Sodium	mg Na/l	52	118	8,1	200
Taste		3301	3447	Acceptable	Acceptable to consumers and no abnormal change
Colony count 22° C	cfu/ml	3301	8115	0	No abnormal change
Colony count 36° C	cfu/ml	52	1045	0	No abnormal change
Coliform bacteria	cfu/100ml	3301	8133	0	0
Total organic carbon (TOC)	mg/l	52	112	1,5	No abnormal change

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Residual Chlorine	mg Cl ₂ /l	36500	38156	0,41	
Turbidity	NTU	3301	8130	0,22	Acceptable to consumers and no abnormal change
WATCH LIST OF SUBSTANCES AND COMPOUNDS OF CONCERN					
17-beta-estradiol	ng/l	16	25	N.D.	1 (Guidance value)
Nonylphenol	ng/l	16	25	N.D.	300 (Guidance value)
RADIOACTIVITY *					
Gross alpha activity	Bq/l	15	15	N.D.	
Gross beta activity	Bq/l	15	15	N.D.	
Radioactivity (total indicative dose)	mSv/έτος	15	15	<0,10	0,10*
OTHER PARAMETERS					
Calcium	mg Ca/l		105	46	
Magnesium	mg Mg/l		105	8,5	
Hardness (Calculated)	mg CaCO ₃ /l		105	150	
Alkalinity (Total)	mg CaCO ₃ /l		105	125	
Phosphate	mg PO ₄ ³⁻ /l		105	0,01	
Potassium	mg K/l		118	1,0	
Silver	µg Ag/l		118	N.D.	
Barium	µg Ba/l		118	35	
Tin	µg Sn/l		118	N.D.	
Zinc	µg Zn/l		118	36,9	
Vanadium	µg V/l		118	0,65	
Salmonella	cfu/1000ml		112	N.D.	

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Somatic coliphages	PFU/100ml		17	N.D.	
Sum of microcystins and cyanopeptides	µg/l		35	N.D.	
Sum of Volatile Organic Compounds	µg/l		172	N.D.	
Geosmin	ng/l		111	6,8	
2-methyl-isoborneol	ng/l		111	N.D.	

* For radioactivity, parameters and parametric values derive from the National Legislation CMD Π/112/1057/2016 Hellenic Gazette 241B/9-2-2016
 # For microbiological parameters, the median value is used as a measure of central tendency.
 N.D. NOT DETECTED

The aforementioned data resulted from sampling and analyses carried out for monitoring the compliance of drinking water originating from the EYDAP SA water distribution network with the current legislation. Therefore, EYDAP SA certifies that the quality of drinking water from the distribution network is monitored and complies with the terms expressed in CMD 27829/2023, Hellenic Gazette 3525B/25-5-2023, regarding the “Quality of Water Intended for Human Consumption” in compliance with the European Parliament and Council Directive EU 2020/2184 of 16 December 2020.