

AREA: ARETSOU

Sampling date: 25 - 01 - 2024

Physicochemical Parameters	Units	Measured Value	Parametric Value ¹
Turbidity	NTU	0.099	<1.0
Colour	PCU	<5 ³	Acceptable to consumers and no abnormal change
Aluminium	µg Al/l	NA ⁵	200
Clorides	mg Cl ⁻ /l	28.4	250
Conductivity	µS/cm at 20°C	543	2500
pH	pH units	7.6	≥6.5 και ≤9.5
Residual chlorine	mg/l	0.37	≥0.2 ²
Microbiological Parameters	Units	Measured Value	Parametric Value ¹
Coliforms	CFU / 100ml	ND ⁴	0
Escherichia coli (E.coli)	CFU / 100ml	ND ⁴	0
Enterococci	CFU / 100ml	ND ⁴	0
Colony count at 22°C	CFU/ml	<1 ⁴	No abnormal change
Sensorial Parameters	Units	Measured Value	Parametric Value ¹
Odour		Acceptable	Acceptable to consumers and no abnormal change
Taste		Acceptable	Acceptable to consumers and no abnormal change

¹ GOVERNMENT GAZETTE 3525/B'/25-05-2023, "Quality of water intended for human consumption".

² GOVERNMENT GAZETTE 5 B'/9-1-1958, "Disinfection of water".

³ Limit of Quantification.

⁴ According to ISO 8199:2018:

No colonies: <1 : "Not detected in the analytical test portion" (ND).

1-2 colonies: "Microorganisms are present in the volume studied".

3-9 colonies: "Estimated number in the volume studied".

⁵ Not applicable according to Government Gazette 3525/B'/25-05-2023, "Quality of water intended for human consumption".