THESSALONIKI WATER SUPPLY & SEWAGE SA
LABORATORY OF WATER TREATMENT PLANT

AREA: XIROKRINI

Sampling date: 21 - 10 - 2026

Physicochemical Parameters	Units	Measured Value	Parametric Value [1]
Turbidity	NTU	0.105	<1.0
Colour	PCU	<5 [3]	Acceptable to consumers and no abnormal change
Aluminium	μg Al/l	NA [5]	200
Clorides	mg Cl^-/l	30.4	250
Conductivity	μS/cm at 20°C	555	2500
pH	pH units	7.4	≥6.5 και ≤9.5
Residual chlorine	mg/l	0.40	≥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*