

AREA: XIROKRINI

Sampling date: 27 - 04 - 2025

Physicochemical Parameters	Units	Measured Value	Parametric Value <sup>1</sup>
Turbidity	NTU	0.060	<1.0
Colour	PCU	<5 <sup>3</sup>	Acceptable to consumers and no abnormal change
Aluminium	µg Al/l	NA <sup>5</sup>	200
Clorides	mg Cl <sup>-</sup> /l	NA <sup>5</sup>	250
Conductivity	µS/cm at 20°C	495	2500
pH	pH units	7.5	≥6.5 και ≤9.5
Residual chlorine	mg/l	0.39	≥0.2 <sup>2</sup>
Microbiological Parameters	Units	Measured Value	Parametric Value <sup>1</sup>
Coliforms	CFU / 100ml	ND <sup>4</sup>	0
Escherichia coli (E.coli)	CFU / 100ml	ND <sup>4</sup>	0
Enterococci	CFU / 100ml	ND <sup>4</sup>	0
Colony count at 22°C	CFU/ml	<1 <sup>4</sup>	No abnormal change
Sensorial Parameters	Units	Measured Value	Parametric Value <sup>1</sup>
Odour		Acceptable	Acceptable to consumers and no abnormal change
Taste		Acceptable	Acceptable to consumers and no abnormal change

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

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

<sup>3</sup> Limit of Quantification.

<sup>4</sup> 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".

<sup>5</sup> Not applicable according to Government Gazette 3525/B'/25-05-2023