

AREA: LOWER_TOUMBA

Sampling date: 16 - 12 - 2024

| Physicochemical Parameters | Units | Measured Value | Parametric Value ¹ |
|----------------------------|-----------------------|-----------------|--|
| Turbidity | NTU | 0.114 | <1.0 |
| Colour | PCU | <5 ³ | Acceptable to consumers and no abnormal change |
| Aluminium | µg Al/l | NA ⁵ | 200 |
| Clorides | mg Cl ⁻ /l | 15.4 | 250 |
| Conductivity | µS/cm at 20°C | 502 | 2500 |
| pH | pH units | 7.7 | ≥6.5 και ≤9.5 |
| Residual chlorine | mg/l | 0.35 | ≥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