



District Level Water Analysis Laboratory Uttar Pradesh Jal Nigam (Rural), Meerut

F. Issue No:02

F. Issue Date:
18.04.2025

Revision No:00

Test Report

| Report Issue Date | 09.04.2025 | | | | |
|--|--|--------------------------|---|-------------------|--|
| URL | N/A | | | | |
| Letter No. | | Date | 08.04.2025 | | |
| Customer Name and Address | K.P INTERNATIONAL SCHOOL PARIKSHIT GARH, MEERUT | | | | |
| Report No. | MRT/02 | | | | |
| Sampling Method ISO 17614 (Part - 1) : 2021 | | | | | |
| Sample Description:- Liquid transparent and colourless liquid received at ambient condition. | | | | | |
| Basic Details of Sample | | | | | |
| District | MEERUT | Block | PARIKSHIT GARH | | |
| Gram Panchayat | PARIKSHIT GARH | Village | PARIKSHIT GARH | | |
| Habitation | PARIKSHIT GARH | Location | K.P INTERNATIONAL SCHOOL PARIKSHIT GARH, MEERUT | | |
| Water Source | TAP WATER | Sample ID | M/25/04/P02 | | |
| Sample Collector | DEEPAK KUMAR | Date of sampling. | 08.04.2025 | | |
| Depositor | DEEPAK KUMAR | Receiving Date | 08.04.2025 | | |
| Discipline Sample | Chemical | Analysis Start Date | 09.04.2025 | | |
| Packaging Type | Plastic bottle | Analysis Completion Date | 09.04.2025 | | |
| Group | Water | Quantity | 1 Liter | | |
| Temperature (25± 3)°C | 26°C | Humidity (50%± 15%) | 52% | | |
| Technical Data of Analysis | | | | | |
| SR. NO. | Analyzed parameters (Unit of Measurement) | Observed Value | Specified Values as per BIS | | Ref. Method of Analysis |
| | | | Acceptable Limit | Permissible Limit | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | pH @25°C | 6.77 | 6.5-8.5 | 6.5-8.5 | IS 3025 (Part 11): 2022 (Electrometric Method) |
| 2 | Turbidity (NTU) | 1.85 | 1.00 | 5.00 | IS 3025 (Part 10): 2023 (Nephelometer Method) |
| 3 | TDS, mg/l | 26 | 500 | 2000 | IS 3025 (Part 16): 2017(Gravimetric Method) |
| 4 | Chloride (as Cl), mg/l | 16 | 250 | 1000 | IS 3025 (Part 32): 2019(Titration Method) |
| 5 | Total Alkalinity (as Na ₂ CO ₃), mg/l | 24 | 200 | 600 | IS 3025 (Part 23): 2019(Titration Method) |
| 6 | Total Hardness (as CaCO ₃), mg/l | 36 | 200 | 600 | IS 3025 (Part 21): 2019 (Titration Method) |
| 7 | Calcium (as Ca), mg/l | 6.4 | 75 | 200 | IS 3025 (Part 40): 2019 |
| 8 | Magnesium (as Mg), mg/l | 4.8 | 30 | 100 | IS 3025 (Part 46): 2019 |
| 9 | Sulphate (as SO ₄), mg/l | 2.43 | 200 | 400 | APHA 23 RD Ed 2017, 4500-SO ₄ (E. Turbidimetric Method) |
| 10 | Nitrate (as NO ₃), mg/l | 1.03 | 45 | No Relaxation | APHA 23 RD Ed 2017, 4500-NO ₃ (B. Ultraviolet Spectrophotometric Screening Method) |
| 11 | Fluoride (as F), mg/l | 0.095 | 1.0 | 1.5 | APHA 23 RD Ed 2017, 4500-F (C. Ion Selection Electrode Method) |
| 12 | Iron (as Fe), mg/l | 0.01 | 1.0 | No Relaxation | APHA 23 RD Ed 2017, 3500-Fe (B Phenanthroline Method) |
| 13 | Colour | 5 | 5HU | 15HU | APHA 23 RD Ed 2021 Colour Method (Platinum cobalt Visual Comparison):2017 |
| 14 | Taste | Satisfactory | Qualitative | - | IS 3025 (Part 08): 2017 |
| 15 | Odour | Satisfactory | Qualitative | - | IS 3025 (Part 05): 2018 |
| 16 | Conductivity | - | <2500 | No rel. | Standard Value as per WHO (2017) |
| 17 | Free residual chlorine | 0.1 | 0.2 | 1 | IS 3025 (Part 26) |
| 18 | Total Coliform CFU/100 ml | Nil | No Relaxation | No Relaxation | APHA 23 Edition:2017 |
| 19 | E.Coli CFU/100 ml | Nil | No Relaxation | No Relaxation | APHA 23 Edition:2017 |

Note:

- Refers only to the particular sample(s) submitted for testing.
- This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from Head of Laboratory.
- The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
- Sample will be stored up to 15 days (in case of non-perishable items only) from the date of issue of tests reports unless otherwise specified.
- Water sample is not collected by us.

Chemist

Junior Engineer

Assistant Engineer
Assistant Engineer
Divisional Office
U.P. Jal Nigam (Rural)
Meerut

.....End Of Report.....