



# Water Analysis Report

## District Level Water Analysis Laboratory

### U.P. Jal Nigam (Rural), Kannauj



TC-12293

|        |                       |           |      |      |            |         |   |
|--------|-----------------------|-----------|------|------|------------|---------|---|
| ULR No | TC-12203-25000000009F | Report No | 1839 | Date | 03.02.2025 | Page No | 1 |
|--------|-----------------------|-----------|------|------|------------|---------|---|

#### Customer Details

|                       |                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------|
| Office Name & Address | Dr. B.P. Agrawal Shiksha Niketan, Kalyankunj, Kanpur Road, Yakutganj, Fatehgarh, Farrukhabad U.P. |
| Reference Letter Date | 30.01.2025                                                                                        |

#### Basic Details of the Sample

|                        |                     |                           |                                                         |
|------------------------|---------------------|---------------------------|---------------------------------------------------------|
| District               | Farrukhabad         | Block                     | Barhpur                                                 |
| Gram Panchayat         | -                   | Village                   | -                                                       |
| Habitation             | -                   | Location                  | Dr. B.P. Agrawal Shiksha Niketan, Kalyankunj, Fatehgarh |
| Water Source           | Tubewell            | Sample No.                | 1                                                       |
| Quantity of the Sample | 2000ml              | Date of Sample Collection | 30.01.2025                                              |
| Receiving Date         | 30.01.2025          | Sample Collector          | Mr. Shivendra Kumar                                     |
| Sample Depositor       | Mr. Shivendra Kumar | Sampling Method           | IS 17614 (Part 1):2021                                  |
| Analysis Start Date    | 31.01.2025          | Analysis Completion Date  | 31.01.2025                                              |

#### Environmental Condition

|             |      |          |     |
|-------------|------|----------|-----|
| Temperature | 25°C | Humidity | 56% |
|-------------|------|----------|-----|

#### Technical Data of Analysis

| S.N<br>o | Analysed Parameter     | Observed Value | Specified Values as per BIS 10500:2012 |                   | Ref. Method of Analysis                               |
|----------|------------------------|----------------|----------------------------------------|-------------------|-------------------------------------------------------|
|          |                        |                | Acceptable Limit                       | Permissible Limit |                                                       |
| 1        | 2                      | 3              | 4                                      | 5                 | 6                                                     |
| 1        | Odour                  | A              | Agreeable                              | Agreeable         | IS:3025(Part-5):2018                                  |
| 2        | Taste                  | A              | Agreeable                              | Agreeable         | IS:3025(Part-8):2023                                  |
| 3        | pH                     | 7.16           | 6.5-8.5                                | 6.5-8.5           | IS 3025(Part 11):2022<br>Electrometric Method         |
| 4        | Turbidity(NTU)         | 1.70           | 1                                      | 5                 | IS 3025 (Part 10):2023                                |
| 5        | TDS(mg/L)              | 215            | 500                                    | 2000              | IS 3025 (Part 16):2023                                |
| 6        | Chloride(mg/L)         | 36             | 250                                    | 1000              | IS 3025(Part 32):2019                                 |
| 7        | Total Alkalinity(mg/L) | 208            | 200                                    | 600               | IS 3025 (Part 23):2023                                |
| 8        | Total Hardness(mg/L)   | 232            | 200                                    | 600               | IS 3025 (Part 21):2019                                |
| 9        | Calcium(mg/L)          | 66.53          | 75                                     | 200               | IS 3025(Part 40): 2023                                |
| 10       | Magnesium(mg/L)        | 16.03          | 30                                     | 100               | IS 3025 (Part 46):2023                                |
| 11       | Sulphates(mg/L)        | 20.50          | 200                                    | 400               | APHA 24th Edition 4500 SO <sub>4</sub> Method F, 2023 |
| 12       | Nitrate(mg/L)          | 31.01          | 45                                     | 45                | APHA 24th Edition Method 4500 NO <sub>3</sub> B,2023  |
| 13       | Fluoride(mg/L)         | 0.127          | 1                                      | 1.5               | APHA 24th Edition 4500 F Method C, 2023               |
| 14       | Iron(mg/L)             | 0.03           | 0.3                                    | 1.0               | APHA 24th Edition-3500-Fe Method B,2023               |

|      |                                                                                                                                                                                       |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note | 1. This certificate refers only to the particular sample(s) submitted for testing.                                                                                                    |
|      | 2. This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from the Head of the Laboratory. |
|      | 3. The Test results reported in this certificate are valid at the time of and under the stated conditions of Measurements.                                                            |
|      | 4. Sample will be stored up to 7 days (in case of non perishable items only) from the date of issue .                                                                                 |

Deputy Quality Manager

Authorized Signatory  
Mohd. Amjad Khan  
Quality Manager

\*\*\*End of the Report\*\*\*