



**Analysis Report  
District Level Water Analysis Laboratory  
U.P. Jal Nigam (Rural) Kasganj.**



|            |                    |         |          |
|------------|--------------------|---------|----------|
| Report No. | 9                  | Date    | 26-06-25 |
| ULR NO.    | TC-120912500000009 | Page No | 1        |

|                         |  |
|-------------------------|--|
| <b>Customer Details</b> |  |
| Office Name and Address | S.N. Public School Etah Road Amanpur (Kasganj) |
| Ref Letter No. & Date   | 0  |

|                                |                 |                                |                                      |
|--------------------------------|-----------------|--------------------------------|--------------------------------------|
| <b>Basic details of sample</b> |                 |                                |                                      |
| District                       | Kasganj         | Block                          | Amanpur                              |
| Gram Panchayat                 | Nagar Panchayat | Village                        | Nagar Panchayat                      |
| Habitation                     | Nagar Panchayat | Location                       | S.N. Public School Etah Road Amanpur |
| Water Source                   | Submersible     | Sample No.                     | 9                                    |
| Quantity of Sample             | 1               | Date of Sample Collection Date | 26-06-25                             |
| Receiving Date                 | 26-06-25        | Sample Collector               | Asutosh Lodhi                        |
| Sample Depositer               | Asutosh Lodhi   |                                |                                      |
| Analysis Start Date            | 27-06-25        | Analysis Completion Date       | 27-06-25                             |

|                                |          |          |           |
|--------------------------------|----------|----------|-----------|
| <b>Environmental Condition</b> |          |          |           |
| Temperature                    | 25(±)3°C | Humidity | 50(±) 15% |

| Sr. No. | Analysis Parameter | Units  | Observed Value | Specified Values as per BIS 10500:2021 |                   | Ref. Method of Analysis   |
|---------|--------------------|--------|----------------|--|-------------------|---|
|         |                    |        |                | Acceptable Limit                       | Permissible Limit |   |
| 1       | 2                  | 3      | 4              | 5                                      | 6                 | 7   |
| 1       | Taste              | -      | Agreeable      | Agreeable                              | Agreeable         | IS 3025 (Part 8) 2023   |
| 2       | Odour              | -      | Agreeable      | Agreeable                              | Agreeable         | IS 3025 (Part 5) 2018   |
| 3       | Colour             | Hazen  | 4              | 5                                      | 15                | IS 3025 (Part 4):2021 (Platinum Cobalt Visual Comparison Method)                          |
| 4       | pH                 | -      | 7.10           | 6.5-8.5                                | 6.5-8.5           | IS 3025 (Part 11) 2008 (Electrometric Method)   |
| 5       | Turbidity          | (NTU)  | 1.99           | 1.00                                   | 5.00              | IS 3025 (Part 10) 2023 (Nephelometric Method)   |
| 6       | TDS                | (mg/L) | 115            | 500                                    | 2000              | IS 3025 (Part 16) 2023 (Gravimetric Method)   |
| 7       | Chloride           | (mg/L) | 18.0           | 250                                    | 1000              | IS 3025 (Part 32) 2019 (Argentometric Method)   |
| 8       | Total Alkalinity   | (mg/L) | 164            | 200                                    | 600               | IS 3025 (Part 23) 2023 (Indicator Method)   |
| 9       | Total Hardness     | (mg/L) | 172            | 200                                    | 600               | IS 3025 (Part 21) 2019 (EDTA Method)  |
| 10      | Sulphate           | (mg/L) | 20.10          | 200                                    | 400               | APHA 24 <sup>th</sup> Edition - 4500-SO <sub>4</sub> Method E (Turbidimetric Method):2023 |
| 11      | Calcium            | (mg/L) | 28.05          | 75                                     | 200               | IS 3025 (Part 40) 2023 (EDTA Titrimetric Method)  |
| 12      | Magnesium          | (mg/L) | 24.48          | 30                                     | 100               | IS 3025 (Part 46) 2023  |
| 13      | Iron               | (mg/L) | 0.36           | 0.3                                    | 1.0               | APHA 24 <sup>th</sup> Edition - 3500-Fe Method B (Phenanthroline Method):2023             |
| 14      | Nitrate            | (mg/L) | 8.10           | 45                                     | No Relaxation     | APHA 24 <sup>th</sup> Edition - 4500-NO <sub>3</sub> Method B (UV Screening Method):2023  |
| 15      | Fluoride           | (mg/L) | <0.015         | 1.0                                    | 1.50              | APHA 24 <sup>th</sup> Edition - 4500-F Method C (Electrode Method):2023                   |

Note -

- This Certificate 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 result reported in this certificate are valid at the time of and under the stated conditions of measurements.
- Sample will be stored up to 07 days (in case of non perishable items only) from the date of issue of test reports unless otherwise specified.
- The Report Cannot be use for legal purpose.

( Umashankar )  
 Review By

Result approved by  
  
 ( Upendra Pratap Singh )  
 Technical Manager