



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

F. Issue No:02

F. Issue Date:  
18.04.2022

Revision No:00

## Test Report

|                           |  |      |            |
|---------------------------|--|------|------------|
| Report Issue Date         | 22.03.2025                                       |      |            |
| URL                       | N/A  |      |            |
| Letter No.                | -  | Date | 18.03.2025 |
| Customer Name and Address | S.G. WORLD SCHOOL BINOLI ROAD, SARDHANA, MEERUT. |      |            |
| Report No.                | 532  |      |            |

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                    | SARDHANA   |
| Gram Panchayat        | JULHERA        | Village                  | JULHERA  |
| Habitation            | JULHERA        | Location                 | S.G. WORLD SCHOOL BINOLI ROAD, SARDHANA, MEERUT. |
| Water Source          | TAP WATER      | Sample ID                | M/25/03/P532                                     |
| Sample Collector      | AARYAN TOMAR   | Date of sampling.        | 19.03.2025                                       |
| Depositor             | AARYAN TOMAR   | Receiving Date           | 19.03.2025                                       |
| Discipline Sample     | Chemical       | Analysis Start Date      | 20.03.2025                                       |
| Packaging Type        | Plastic bottle | Analysis Completion Date | 20.03.2025                                       |
| Group                 | Water          | Quantity                 | 1 Liter  |
| Temperature (25± 3)°C | 24°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   | 7.69           | 6.5-8.5                     | 6.5-8.5           | IS 3025 (Part 11): 2022 (Electrometric Method)   |
| 2       | Turbidity (NTU)  | 2.43           | 1.00                        | 5.00              | IS 3025 (Part 10): 2023 (Nephelometer Method)  |
| 3       | TDS, mg/l  | 482            | 500                         | 2000              | IS 3025 (Part 16): 2017(Gravimetric Method)  |
| 4       | Chloride (as Cl), mg/l                                       | 06             | 250                         | 1000              | IS 3025 (Part 32): 2019(Titration Method)  |
| 5       | Total Alkalinity (as Na <sub>2</sub> CO <sub>3</sub> ), mg/l | 200            | 200                         | 600               | IS 3025 (Part 23): 2019(Titration Method)  |
| 6       | Total Hardness (as CaCO <sub>3</sub> ), mg/l                 | 256            | 200                         | 600               | IS 3025 (Part 21): 2019 (Titration Method)   |
| 7       | Calcium (as Ca), mg/l  | 51.2           | 75                          | 200               | IS 3025 (Part 40): 2019  |
| 8       | Magnesium (as Mg), mg/l                                      | 30.72          | 30                          | 100               | IS 3025 (Part 46): 2019  |
| 9       | Sulphate (as SO <sub>4</sub> ), mg/l                         | 14.94          | 200                         | 400               | APHA 23 <sup>RD</sup> Ed 2017, 4500-SO <sub>4</sub> (E. Turbidimetric Method)                            |
| 10      | Nitrate (as NO <sub>3</sub> ), mg/l                          | 40.28          | 45                          | No Relaxation     | APHA 23 <sup>RD</sup> Ed 2017, 4500-NO <sub>3</sub> (B. Ultraviolet Spectrophotometric Screening Method) |
| 11      | Fluoride (as F), mg/l  | 0.977          | 1.0                         | 1.5               | APHA 23 <sup>RD</sup> Ed 2017, 4500-F (C. Ion Selection Electrode Method)                                |
| 12      | Iron (as Fe), mg/l   | 0.13           | 1.0                         | No Relaxation     | APHA 23 <sup>RD</sup> Ed 2017, 3500-Fe (B Phenanthroline Method)   |
| 13      | Colour   | 10             | 5HU                         | 15HU              | APHA 23 <sup>RD</sup> 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:

1. 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 Head of 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 15 days (in case of non-perishable items only) from the date of issue of tests reports unless otherwise specified.

  
Chemist

  
Manager

  
Principal

  
Junior Engineer

  
Assistant Engineer  
Divisional Office

S G World School  
Julehra, Sardhana, Meerut

## SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE


No.92

Dated: - 24-03-2025

It is certified that an inspection team headed by Mr. Umesh Kumar From Divisional office U.P Jal Nigam (Rural) Meerut inspected the S. G. World School Julehra, Binoli road, Sardhana, Meerut on 24/03/2025, on the basis of water test report (Attached) bearing no. 532. Dated-22/03/2025 of District level water Analysis Laboratory UP Jal Nigam (Rural), Meerut.(PHED Lab) Certified that the S. G. World School has safe drinking water facilities for the students and members of staff of the institution. School is maintaining the hygienic sanitation conditions in the school building & the campus as per norms prescribed by the central/State/U. T. Govt.

The above is valid for a period of 1 Year.

Signature with seal

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

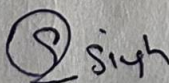
Name

: Mr. Umesh Kumar

Designation

: Assistant Engineer

Name & address of the Department : Divisional office U.P Jal Nigam  
(Rural) Meerut

 Singh

Manager  
S G World School  
Julehra, Sardhana, Meerut



Principal

S G World School  
Julehra, Sardhana, Meerut

