



# ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)

(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Recognised by MOEF & CC( Ministry of Environment Forest and Climate Change)

Website: www.itslab.in, Email: contact@itslab.in, itrlclab@gmail.com, info@itslab.in, itrlclab@gmail.com

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## TEST REPORT

### Water Sample Analysis

Report Code: W-081223-03

Issue Date: 30/01/2024

ISSUED TO : M/s. THE MILLENIUM SCHOOL

Plot No.- 58/1, Sector- K. P 5, Greater Noida West, (U.P.), India

### SAMPLING & ANALYSIS DATA

|                           |  |
|---------------------------|--|
| Sample Description        | : Drinking Water   |
| Sample Drawn On           | : 29/01/2024   |
| Sample Drawn By           | : Mr. Amardeep (ITS Representative)                          |
| Sampling Plan & Procedure | : IS:3025(Part 1)  |
| Sample Quantity           | : 1.0 Liter in Pet Bottle & 500ml in Sterilized Glass Bottle |
| Sample Received On        | : 29/01/2024   |
| Analysis Duration         | : 29/01/2024 to 30/01/2024                                   |

### TEST RESULTS

Essential test as per IS:10500-2012

| S. No. | Parameter                              | Test Method      | Results | Units | Requirement (Acceptable Limit) | Permissible Limit in absence of alternate source |
|--------|--|------------------|---------|-------|--------------------------------|--|
| 1.     | pH                                     | IS:3025(Part-11) | 6.85    | -     | 6.5 – 8.5                      | -  |
| 2.     | Colour                                 | IS:3025(Part-4)  | <5.0    | Hazen | 5                              | 15   |
| 3.     | Turbidity                              | IS:3025(Part-10) | <1.0    | NTU   | 1                              | 5  |
| 4.     | Total Hardness (as CaCO <sub>3</sub> ) | IS:3025(Part-21) | 28.0    | mg/l  | 200                            | 600  |
| 5.     | Chloride(as Cl)                        | IS:3025(Part-32) | 13.0    | mg/l  | 250                            | 1000   |
| 6.     | Iron (as Fe)                           | IS:3025(Part-53) | <0.05   | mg/l  | 1.0                            | -  |
| 7.     | Total Dissolved Solid                  | IS:3025(Part-16) | 92.0    | mg/l  | 500                            | 2000   |
| 8.     | Alkalinity (as CaCO <sub>3</sub> )     | IS: 3025 (P- 23) | 17.0    | mg/l  | 200                            | 600  |
| 9.     | Fluoride (as F)                        | IS: 3025 (P- 60) | <0.1    | mg/l  | 1.0                            | 1.5  |
| 10..   | Aluminum (as Al)                       | IS: 3025 (P- 55) | <0.01   | mg/l  | 0.03                           | 0.2  |
| 11.    | Zinc (as Zn)                           | IS: 3025 (P- 49) | <0.01   | mg/l  | 5.0                            | 15   |
| 12..   | Lead ( as Pb)                          | IS-3025(P-47)    | <0.01   | mg/l  | 0.01                           | No Relaxation                                    |
| 13.    | Mercury (as Hg)                        | IS-3025(P-48)    | <0.001  | mg/l  | 0.001                          | No Relaxation                                    |
| 14.    | Free Residual Chlorine                 | IS: 3025 (P-26)  | <0.1    | mg/l  | 0.2                            | 1.0  |
| 15.    | Arsenic (as As)                        | IS-302 (P-37)    | <0.01   | mg/l  | 0.01                           | 0.05   |
| 16.    | Magnesium (as Mg)                      | IS:3025 (P-46)   | 3.15    | mg/l  | 30                             | 100  |

Ruby

CHECKED BY



AUTHORIZED SIGNATORY

### Terms & Conditions :

1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.



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## SENSORY REQUIREMENT

| RESULTS |           |                 |           |                               |
|---------|-----------|-----------------|-----------|-------------------------------|
| S.No.   | Parameter | Test Method     | Results   | Required as per IS-10500:2018 |
| 1.      | Odour     | IS:3025(Part-5) | Agreeable | Should be agreeable           |
| 2.      | Taste     | IS:3025(Part-8) | Agreeable | Should be agreeable           |

## MICROBIOLOGICAL REQUIREMENT

| RESULTS |                          |               |         |                               |
|---------|--------------------------|---------------|---------|-------------------------------|
| S.No.   | Parameter                | Test Method   | Results | Required as per IS-10500:2018 |
| 1.      | <i>Escherichia coli</i>  | IS-15185:2016 | Absent  | Absent/100ml                  |
| 2.      | <i>Coliform Bacteria</i> | IS-15185:2016 | Absent  | Absent/100ml                  |

**Remarks:** Based on above tested parameter, Water sample meets as per IS-10500:2012 specification.  
Hence water is fit for Drinking purpose.

*Ruby*  
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**GREATER NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY**

Plot No. – 01, Sector Knowledge Park – IV, Greater Noida  
Distt.-Gautam Budh Nagar (UP)

Letter Ref. No. : JAL/2024/23

Date: 30/01/2024

**SAFE DRINKING WATER CERTIFICATE**

It is certified that drinking water as per test report (attached) from ITS TESTING LABORATORY PVT. LTD., Noida in premises of **The Millennium School, HS-58/1, Knowledge Park-5, Greater Noida West** was found satisfactory. You are requested to ensure to above the condition throughout the norms by the Central/State/UP Govt.

This certificate is valid for one year from date of issue.

**Senior Manager (JAL)**

To,

**The Principal**  
The Millennium School  
HS-58/1, Sector- Knowledge Park-V,  
Greater Noida (west),  
Distt-G.B. Nagar(U.P.)