



TC-14408

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बिहार सरकार

**TEST REPORT**

|                                                                                               |                         |                              |
|-----------------------------------------------------------------------------------------------|-------------------------|------------------------------|
| Name & Address Of the Customer:-<br><br>HILL ROUTE,<br>SCHOOL OF EXCELLENCE, SASARAM (ROHTAS) | Report No.              | : SRM/W/2026-27/R/ 14        |
|                                                                                               | Date                    | : 09/06/2026                 |
|                                                                                               | Sample No.              | : SRM/W/26-27/14             |
|                                                                                               | Sample Description      | : Drinking Water             |
|                                                                                               | Sample Mark/ Location   | : HILL ROUTE SCHOOL, SASARAM |
|                                                                                               | Sample Collected On     | : 05/06/2026                 |
|                                                                                               | Sampling Plan & Method  | : IS 3025(Part 1)            |
|                                                                                               | Date of Performance (s) | : 05/06/2026 to 09/06/2026   |
|                                                                                               | Ref No. Date            | :                            |

**Analysis Result**

| Sl. No. | Test Parameter   | Test Method                                                        | IS 10500:2012Amd. 1 & 2 |                   | Result    |
|---------|------------------|--------------------------------------------------------------------|-------------------------|-------------------|-----------|
|         |                  |                                                                    | Acceptable Limit        | Permissible Limit |           |
| 1       | pH               | IS 3025(Part 11) : 2022                                            | 6.5-8.5                 | NR                | 6.76      |
| 2       | Turbidity        | IS 3025(Part 10) : 2023                                            | 1 NTU                   | 5 NTU             | <0.5      |
| 3       | TDS              | IS 3025(Part 16) : 2023                                            | 500 mg/ L               | 2000 mg/ L        | 202       |
| 4       | Total Hardness   | IS 3025(Part 21) : 2019                                            | 200 mg/ L               | 600 mg/ L         | 104       |
| 5       | Calcium          | IS 3025(Part 40) : 2023                                            | 75 mg / L               | 200 mg/L          | 34        |
| 6       | Magnesium        | APHA 24rd Edition -3500-Mg Method B (Calculation Method) : 2023    | 30 mg / L               | 100 mg/ L         | 4.61      |
| 7       | Iron             | APHA 23rd Edition -3500-Fe Method B (Phenanthroline Method) : 2023 | 1 mg/ L                 | NR                | 0.1       |
| 8       | Chloride         | IS 3025(Part 32) : 2019                                            | 250 mg/ L               | 1000 mg / L       | 20        |
| 9       | Total Alkalinity | IS 3025(Part 23) : 2023                                            | 200 mg / L              | 600 mg / L        | 129       |
| 10      | Fluoride         | APHA 23rd Edition -4500-F Method C (Electrode Method) : 2023       | 1 mg / L                | 1.5 mg / l        | 0.043     |
| 11      | Colour           | IS 3025 (Part 4) : 2021                                            | 5                       | 15                | <1        |
| 12      | Odour            | IS 3025 (Part 5) : 2022                                            | Agreeable               | Agreeable         | Agreeable |
| 13      | Taste            | IS 3025 (Part 8) : 2023                                            | Agreeable               | Agreeable         | Agreeable |

Reviewed

Chemist

09/06/2026

D.L.L Sasaram, Rohtas

Authorized

Technical Manager

D.L.L Sasaram, Rohtas

**Disclaimer:**

- The result relates only to the items(S) tested
- The report shall not be reproduced except in full, without approval of the laboratory
- The reserved part of water samples (s) shall be retained for 15Days from the date of issue of the test Report.
- The laboratory is responsible for all the information given in the report.

