



OFFICE OF THE CHIEF CHEMIST
PUBLIC HEALTH ENGINEERING DEPARTMENT, RAJASTHAN, JAIPUR

REPORT OF THE CHEMICAL EXAMINATION OF WATER

Report No.: Raj/DW(Chem)/2025-26/ 8902-03

Dated: 24/3/26

Issued To,

Principal
Eklavya Model Residential School
Mathasula, Raisar

The sample was not collected
by this laboratory

District: Jaipur
Block/City: Andhi

Not Valid for Water
Quality Legal Cases

| | | | |
|---|--------------------------------|---|------------------------|
| Ref_ID : | 37 | Lab Sample No. : | 52 |
| Reference : Your Letter No.: | Sp-01 | Source : | TW |
| Reference Dated : | 18-03-2026 | Source Location : | In Campus of EMRS |
| Date of Receipt : | 18-03-2026 | Habitation/Ward No. : | Mathasula |
| Name of Sample Taker : | Dharmendra | Village/Colony/Town : | Mathasula |
| Desig. of Sample Taker : | - | Gram Panchayat/City Area : | Mathasula |
| Latitude : | | Date of Collection : | 18-03-2026 |
| Longitude : | | Date of Examination : | 19-03-2026 |
| Elevation in Meter : | | | |
| IS-10500:2012 | | | |
| Test Parameters | Requirement (Acceptable Limit) | Permissible limit in the absence of alternative sources | Test Values of Samples |
| | | | |
| 1 pH | 6.5 to 8.5 | No Relaxation | 7.9 |
| 2 Turbidity(NTU) | 1 | 5 | Clear |
| 3 Colour (Hazen Unit) | 5 | 15 | None |
| 4 Odour | Unobjectionable | - | UO |
| 5 Total Alkalinity (as CaCO ₃) | 200 | 600 | 300 |
| 6 Total Hardness (as CaCO ₃) | 300 | 600 | 350 |
| 7 Calcium (as Ca ⁺⁺) | 75 | 200 | 60 |
| 8 Magnesium (as Mg ⁺⁺) | 30 | 100 | 49 |
| 9 Chloride (as Cl) | 600 | 1000 | 50 |
| 10 Sulphate (as SO ₄ ²⁻) | 200 | 400 | 26 |
| 11 Nitrates (as NO ₃ ⁻) | 45 | No Relaxation | 36 |
| 12 Fluoride (as F) | 1.0 | 1.50 | 0.46 |
| 13 Total Dissolved Solids | 500 | 2000 | 588 |
| 14 Residual Chlorine | 0.2 | 0.5 | Nil |

Note:- Report is not valid for Food Licence or any Certificate.

Superintending Chemist
PHED, Lab, Jaipur

Dated:

Report No.: Raj/DW(Chem)/2025-26/

Copy to:

1. The Chief Chemist, Public Health Engineering Department, Rajasthan, Jaipur.

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Superintending Chemist