



**Test Report**  
**District Water Testing Laboratory (DWTL)**  
 Public Health Engineering Department, Anand Colony, Near Law College Ratlam  
 Email-eephedrat@mp.nic.in, Phone-07412-270439, Fax- 267740

TC 655123002635P

|  |                             |                     |                         |  |            |
|--|-----------------------------|---------------------|-------------------------|--|------------|
| Status of Sample:-OK   | Unique Identification No. - | 2635/DWTL           | Unique Certificate No.- | 2635/DWTL/RTM                          |            |
| Sender's name and address & contact detail:  |                             | Sender's letter no. | 230063                  | Sender's letter date                   | 21/06/2023 |
| प्रति, प्रधानाध्यापक<br>महावीर जैन नेशनल स्कूल<br>पोलिटेक्निक कॉलेज के पास, बरखेडी<br>रोड, जावरा, जिला रतलाम |                             | DWTL receipt no.    | 2635                    | DWTL receipt date                      | 21/06/2023 |
|  |                             | Condition of sample | OK                      | Date of start & completion of analysis | 22/06/2023 |

**Sample details**

| S.No | Block | Gram Panchayat | Village | Habitation | Location                |
|------|-------|----------------|---------|------------|-------------------------|
| 1    | जावरा | -              | -       | -          | स्कूल परिसर का जल नमूना |

**Physical & Chemical Test Report With Details of Parameters, Their Test Methods, Units and Specifications as per IS**  
 As per IS-10500:2012 & Amendment June 2015 for Drinking Water

| No. | Characteristics                          | Test Method                  | Unit          | Requirement (Desirable Limit) | Permissible Limit in the absence of Alternate Source | Test Result |   |
|-----|--|------------------------------|---------------|-------------------------------|--|-------------|---|
|     |  |                              |               |                               |  | 1           | 7 |
| 1   | Turbidity                                | IS 3025(P-10): 1984 RA 2017  | NTU           | 1.0 NTU                       | 5.0 NTU  | 0.4         |   |
| 2   | Colour                                   | IS 3025(P-4): 1983 RA 2017   | Hazan         | 5.0 Hazan                     | 15.0 Hazan   | 1           |   |
| 3   | Odour                                    | IS 3025(P-5): 2018           | Rating        | Agreeable                     | Agreeable  | Ag.         |   |
| 4   | Taste                                    | IS 3025(P-7): 2017           | Rating        | Agreeable                     | Agreeable  | Ag.         |   |
| 5   | pH                                       | IS 3025(P-11): 1983 RA 2017  | pH Scale      | 6.5-8.5                       | 6.5-8.5  | 6.8         |   |
| 6*  | Total Hardness (as CaCO <sub>3</sub> )   | IS 3025(P-21): 2009 RA 2019  | mg/l          | 200 mg/l                      | 600 mg/l   | 52          |   |
| 7*  | Calcium (as Ca)                          | IS 3025(P-40): 1991 RA 2019  | mg/l          | 75 mg/l                       | 200 mg/l   | 13          |   |
| 8*  | Magnesium (as Mg)                        | IS 3025(P-46): 1994 RA 2019  | mg/l          | 30 mg/l                       | 100 mg/l   | 5           |   |
| 9*  | Total Alkalinity (as CaCO <sub>3</sub> ) | IS 3025(P-23): 1986 RA 2019  | mg/l          | 200 mg/l                      | 600 mg/l   | 54          |   |
| 10* | Chloride (as Cl)                         | IS 3025(P-32): 1988 RA 2019  | mg/l          | 250 mg/l                      | 1000 mg/l  | 39          |   |
| 11  | TDS                                      | IS 3025 (P-16): 1984 RA 2017 | mg/l          | 500 mg/l                      | 2000 mg/l  | 127         |   |
| 12  | Conductivity                             | IS 3025(P-14): 1984 RA 2019  | Micro mhos/cm |                               |  | 226         |   |
| 13  | Fluoride (as F)                          | IS 3025(P-60): 2008 RA 2019  | mg/l          | 1.0 mg/l                      | 1.5 mg/l   | 0.12        |   |
| 14  | Nitrate (as NO <sub>3</sub> )            | PDA method Part 34           | mg/l          | 45 mg/l                       | 45 mg/l  | 4.9         |   |
| 15  | Iron (as Fe)                             | IS 3025(P-53): 2003 RA 2019  | mg/l          | 1.0 mg/l                      | 1.0 mg/l   | 0.17        |   |
| 16  | Manganese (as Mn)                        | IS 3025(P-59): 2006 RA 2017  | mg/l          | 0.1 mg/l                      | 0.3 mg/l   | Nil         |   |
| 17  | Sulphate (as SO <sub>4</sub> )           | IS 3025(P-24): 1986 RA 2014  | mg/l          | 200 mg/l                      | 400 mg/l   | 78          |   |
| 18  | Arsenic                                  | By kit                       | mg/l          | 0.01                          | 0.01   |             |   |

**Bacteriological Test Report With Details of Their Test Methods, Units and Specifications as per BIS**

|    |                 |                                     |            |  |     |
|----|-----------------|-------------------------------------|------------|--|-----|
| 19 | Total Coliform  | APHA 22 <sup>nd</sup> Edition 9211B | Per 100 ml | NIL  | Nil |
| 20 | Faecal coliform | APHA 22 <sup>nd</sup> Edition 9211B | Per 100 ml | NIL for treated water and water in distribution system | Nil |

Specific Information :-

Remark :-

|           |          |             |            |
|-----------|----------|-------------|------------|
| Issue No. | 2635/RTM | Issue Date- | 23/06/2023 |
|-----------|----------|-------------|------------|

This report should not be produced partly or full without approval of signatory authority for legal purpose. The results relate only to water sample tested.  
 This recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, still may be tolerated in the absence of an alternate source but up to the limits indicated under the "permissible" limit in the absence of alternate source" in column 6, above which the source will have to be revised.  
 The results refer only to tested samples and parameters tested.  
 Samples will be stored for a period of 7 days from the date of issue of report.  
 This Lab does not hold any responsibility for variations in results for samples kept on hold for wait of clarification.  
 The test marked with an \* are NABL accredited parameter.  
 ABCDWTL/RTM is stand for integrity from D to 9999.

Lokesh Dayma  
 QUALITY MANAGER  
 Dist. Water Testing Laboratory  
 P.H.E.D. Ratlam

कार्यालय नगर पालिका परिषद जावरा (म.प्र.)

जिला-रतलाम

क्रमांक - 1809

दि. 26/6/23

**SAFE DRINKING WATER AND SANITARY**

**CONDITION CERTIFICATE**

It is certified that an inspection team headed by Lokesh Kumar Vijay.....From Nagar Palika, Jaora inspected the Mahaveer Jain National School, Near Polytechnic College, Barkhedi, Jaora on 23/06/23.....and found that the Mahaveer Jain National School has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per the norms prescribed by the Central Govt.

Signature with Seal : [Signature]  
मुख्य नगर पालिका अधिकारी

Name : 10 अर्जुन नगर पालिका परिषद, जावरा

Designation : EMO