



**District Level Water Testing Laboratory**  
**Office of the Executive Engineer (DW&SD)**  
**Near Adityapur Thana, Jamshedpur-831013**  
**Email: diwtl.jamshedpur@gmail.com**

|   |                                |                     |                                |
|---|--------------------------------|---------------------|--------------------------------|
| Report No:                              | JSR/2025/38                    | Memo no:            | 110/22-04-2025                 |
| Issue To/ Name and Address of customer: | Jusco School, Kadma Jamshedpur | Sample code:        | 250421SWJP02                   |
| Sample Type:                            | Drinking water                 | Sample collected by | Abhay kumar                    |
| Sample Received on:                     | 21/04/2025                     | Sample Description: | <1000ml, Good condition at 4°C |
| Test start on :                         | 21/04/2025                     | Date completion on: | 22/04/2025                     |
| ULR:                                    |                                |                     |                                |

**Test Result**

| Sl. No. | Tested Parameter                | Unit     | Results   | Method  | Specification as per IS - 10500-2012 (Second Revision) |   |
|---------|---------------------------------|----------|-----------|---|--|---|
|         |                                 |          |           |   | Acceptable Limit                                       | Permissible Limit (Absence of Alternate source) |
| 1       | pH, at 25°C                     | -        | 7.39      | APHA 24th Ed 2023-4500-H B. (Electrometric method)                                    | 6.5 - 8.5  | No relaxation                                   |
| 2       | Turbidity                       | NTU max  | 01        | APHA 24 <sup>th</sup> Ed 2023-2130 B (Nephelometric method)                           | 1  | 5   |
| 3       | Alkalinity as CaCO <sub>3</sub> | mg/L max | 88        | APHA 24 <sup>th</sup> Ed 2023-2320 B. (Titration method)                              | 200  | 600   |
| 4       | Calcium as (Ca)                 | mg/L max | 28.8      | APHA 23 <sup>rd</sup> Ed 2017-3500 Ca B. (EDTA Titration method)                      | 75   | 200   |
| 5       | Magnesium as Mg                 | mg/L max | 10.56     | APHA 24 <sup>th</sup> Ed 2023-3500-Mg B. (Calculation method)                         | 30   | 100   |
| 6       | Hardness as CaCO <sub>3</sub>   | mg/L max | 116       | APHA 24 <sup>th</sup> Ed 2023-2340 C. (EDTA Titration method)                         | 200  | 600   |
| 7       | Fluoride as (F)                 | mg/L max | 0.24      | APHA 24 <sup>th</sup> Ed 2023-4500 F <sup>-</sup> C. (Ion selective electrode method) | 1.0  | 1.50  |
| 8       | Total Dissolved Solids at 180°C | mg/L max | 136       | APHA 24 <sup>th</sup> Ed 2023-2540 C. Total Dissolved Solids Dried at 180°C           | 500  | 2000  |
| 9       | Chloride (Cl)                   | mg/L max | 49.63     | APHA 24 <sup>th</sup> Ed 2023-4500 Cl B. (Argentometric method)                       | 250  | 1000  |
| 10      | Colour                          | Hazen    | 01        | IS:3025, (Part-4)   | 5  | 15  |
| 11      | Taste                           | -        | Agreeable | IS:3025, (Part-5)   | Agreeable  | -   |
| 12      | Odour                           | -        | Agreeable | IS: 3025, (Part-7)  | Agreeable  | -   |

Remarks - This result is according to BIS limit.

Specific contractual notes: -

- The results listed refer only to the tested sample as received from the customer.
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- Tested Sample shall be retained up to Seven Days from the date of issue of the certificate
- The laboratory is responsible for all the information given in this test report.
- All disputes are subjected to the Jamshedpur Jurisdiction.
- NOTE:- BDL=Below Detection Limit / DL=Detection Limit

Reviewed by : Phulchand Mahato  
(Technical Manager)  
**Technical Manager**  
District Level Water Testing Laboratory  
D.W. & S. Division, Jamshedpur

S. Nandi

Supriya Kumari  
22/04/25  
Supriya Kumari  
Authorised Signatory  
(Quality Manager)  
**Quality Manager**  
District Level Water Testing Laboratory  
D.W. & S. Division, Jamshedpur



## Requisition Slip

Doc No.: JSR-DLWTL-QP-4-F03  
Issue No.: 01  
Revision No.: 00  
Date :

### (Drinking / Ground and Surface Water Samples)

|                  |                     |                  |           |
|------------------|---------------------|------------------|-----------|
| Name of Customer | Jusco School, Kadma | Date             | 21.04.25  |
| Address          | Jamshedpur          | Sample condition | Good      |
| Contact Person   | Santoshi Keshri     | Contact no.      | 620047978 |

Scope of Work

### Physico-Chemical Parameters

| Physico -Chemical Parameters |                  |                                    |          |
|------------------------------|------------------|------------------------------------|----------|
| S.no                         | Parameters       | Method                             | Quantity |
| 01                           | Taste            | APHA 24 <sup>th</sup> EDITION 2023 | 1. litre |
| 02                           | Colour           |                                    |          |
| 03                           | Odour            |                                    |          |
| 04                           | pH               |                                    |          |
| 05                           | Turbidity        |                                    |          |
| 06                           | Fluoride         |                                    |          |
| 07                           | Total Hardness   |                                    |          |
| 08                           | Calcium          |                                    |          |
| 09                           | Magnesium        |                                    |          |
| 10                           | TDS              |                                    |          |
| 11                           | Chloride         |                                    |          |
| 12                           | Total Alkalinity |                                    |          |
| Bacteriological Parameter    |                  |                                    |          |
| 13                           | Total Coliform   | APHA 24 <sup>th</sup> EDITION 2023 | 1. litre |
| 14                           | Fecal Coliform   |                                    |          |
| Payment Term                 |                  |                                    |          |
| 1                            | Payment mode     | Online                             | 300/-    |

Signature

Technical Manager

**Technical Manager**  
District Level Water Testing Laboratory  
D.W. & S. Division, Jamshedpur

Abhay Kumar  
21/04/2025  
Signature/Date

Customer

S. Nandi