



Sub Divisional Level Water Quality Testing and Monitoring Laboratory  
Uttarakhand Jal Sansthan, Kotdwar

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Test Report ID: 01/UJS/SLWQTML/2025-26

Dated: 05/08/2025

**WATER QUALITY TEST REPORT**

|  |   |                                       |  |
|--|---|---------------------------------------|--|
| Name and Address of Organization/<br>Customer                        | Unicus Academy Lachampur, Haldukhata (Near Govt. Polytechnic Collage/Near Kanvaghati) P.O. Kanvaghati, Kotdwar, Pauri Garhwal Uttarakhand -246149 |                                       |  |
| Product Description (Surface Water/<br>Ground Water/ Drinking Water) | Drinking Water  | Sample Description                    | One Water Sample collected from Unicus Academy Lachampur, Haldukhata |
| Reference Sample Identification:<br>& Payment Receipt No.:           | SDWQTML/UJSK-0001<br>O-KD/3072, KD 17032751 (02/08/2025)  | Date of Start of Analysis: 02/08/2025 | Date of End of Analysis: 05/08/2025                                  |
| Date and Time of Sample Received: 02/08/25 & 01:10 PM                | Sample Collected by:  | Customer                              |  |

| SN                                | Water Quality Parameters Under<br>Chemical Scope | Results      | Desirable<br>Limit<br>(BIS) | Permissible<br>Limit (BIS)<br>in the<br>Absence of<br>alternative source | Std. Test Method                 |
|-----------------------------------|--|--------------|-----------------------------|--|----------------------------------|
| 1.                                | pH   | 7.05         | 6.5 to 8.5                  | No Relaxation  | IS 3025 Pt-11, 2017              |
| 2.                                | Total Dissolved Solids (TDS), mg/L               | 144          | 500                         | 2000   | IS 3025 Pt-16-2017               |
| 3.                                | Turbidity, NTU                                   | 0.06         | 1                           | 5  | IS 3025 Pt-10-2017               |
| 4.                                | Total Alkalinity (as CaCO <sub>3</sub> ), mg/L   | 96           | 200                         | 600  | IS 3025 Pt-23: 2019              |
| 5.                                | Total Hardness (as CaCO <sub>3</sub> ), mg/L     | 100          | 200                         | 600  | IS 3025 Pt-21: 2002              |
| 6.                                | Chloride, mg/l                                   | 21.99        | 250                         | 1000   | IS 3025 Pt-32 : 2019             |
| 7.                                | Calcium (as Ca), mg/L                            | 31.2         | 75                          | 200  | IS 3025 Pt-40 : 2019             |
| 8.                                | Magnesium (as Mg), mg/L                          | 5.35         | 30                          | 100  | APHA 23rd Ed.-3500-Mg B:<br>2017 |
| 9.                                | Iron (As Fe)                                     | 0.01         | 1                           | No Relaxation  | UV-Vis Spectrophotometer         |
| 10.                               | Colour, Hazen                                    | Less than 05 | 5                           | 15   | IS 3025 Pt-04 : 2021             |
| 11.                               | Odour  | Agreeable    | Agreeable                   | Agreeable  | IS 3025 Pt-05 : 2018             |
| 12.                               | Taste  | Agreeable    | Agreeable                   | Agreeable  | IS 3025 Pt-08 : 2012             |
| <b>(B.) Biological Parameters</b> |  |              |                             |  |                                  |
| 13.                               | E-Coli   | Absent       | Absent                      | Absent   | MPN                              |
| 14.                               | Total Coliform                                   | Absent       | Absent                      | Absent   | MPN                              |

Remark: Above received water sample conforms to IS: 10500-2012 for drinking purpose with respect to above tests.

(Kulsh)  
(Chemist)

(Signature)  
J.S.

सहायक अभियन्ता (नगर)  
उत्तराखण्ड जल संस्थान कोटद्वार  
पौड़ी गढ़वाल

-End of Report-

1. The results listed refer only to tested sample and applicable parameters.
2. This certificate is not to be reproduced wholly or in parts promotional publicity or legal purpose without permission of authority of testing laboratory.
3. The samples will be destroyed after fifteen days from the date of issue of test certificate, unless otherwise agreed with customer.