



District Level Water Quality Testing and Monitoring Laboratory

Uttarakhand Jal Sansthan, Champawat

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Report ID:684/UJS/DLWQTML/2023-24

Dated-15/03/2024

TEST REPORT

| | | | |
|------------------------------------------------------|------------------------------------|--------------------|-----------------------------------------------------------------------------|
| Name and Address of Organization/ Customer | A.B.C Alma Mater School, Champawat | | |
| Product Description | Drinking Water | Sample Description | One Drinking Water Sample submitted from A.B.C Alma Mater School |
| Reference Sample Identification: | DLWQTML/UJS/ABC-01 | | Date of Start of Analysis:13/03/2024 Date of End of Analysis: 14/03/2024 |
| Date and Time of Sample Received: 13/03/24 & 01:00PM | Sample Collected by: | Customer: | |

| SN | Water Quality Parameters Under Chemical Scope | Results | Desirable Limit (BIS) | Permissible Limit (BIS) in the Absence of alternative source | Std. Test Method |
|-----|-----------------------------------------------------|-------------|-----------------------|--------------------------------------------------------------|-------------------------------------------------------------|
| 1. | pH at 25°C | 7.11 | 6.5 to 8.5 | No Relaxation | IS 3025 (Part 11) 2022: Electrometric method |
| 2. | Total Dissolved Solids (TDS), mg/L, Max | 238.00 | 500 | 2000 | IS 3025 (Part 16), 2023 Gravimetric Method |
| 3. | Turbidity, NTU, Max | 1.42 | 1 | 5 | IS 3025 (Part 10),2023 Nephelometric Method |
| a | Total Alkalinity (as CaCO ₃), mg/L, Max | 180.00 | 200 | 600 | IS 3025 (Part 23), 2023 Titrimetric Method |
| 5. | Total Hardness (as CaCO ₃), mg/L, Max | 200.00 | 200 | 600 | IS 3025 (Part 21),2009 RA 2019, EDTA Titrimetric Method |
| 6. | Chloride, mg/L, Max | 5.54 | 250 | 1000 | IS 3025 (Part 32): 2019 Argentometric Method |
| 7. | Colour, Hazen, Max | Less than 5 | 5 | 15 | IS 3025 (Part 4): 2021 Platinum Cobalt (Visual Comparison) |
| 8. | Odour | Agreeable | Agreeable | Agreeable | IS 3025 (Part 5):2022 |
| 9. | Calcium (as Ca), mg/L, Max | 64.00 | 75 | 200 | IS 3025(Part 40):2023 EDTA Titrimetric Method |
| 10. | Magnesium (as Mg), mg/l, Max | 9.72 | 30 | 100 | APHA 23 rd -3500-Mg (B): 2023 Calculation method |

Pelchis
Sample tested by
Chemist

Amh
(Er.Pawan singh)
Assistant engineer
Authorized signatory

1. The results listed refer only to tested sample and applicable parameters.
2. This certificate is not 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.
4. Result apply to the sample as received.
5. The Laboratory is responsible for all the information provided in the report, except when information is provided by the customer.

End of Report

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| Date and Time of Sample Received: 13/03/24 & 01:00PM | Sample Collected by: | Customer: | |

Bacteriological Parameters

| S.No | Water Quality Parameters Under bacteriological Scope | Results | Desirable Limit (BIS) | Permissible Limit (BIS) | Std. Test Method |
|------|------------------------------------------------------------|---------|--------------------------|-------------------------------|---------------------|
| 1. | Total Coliform, MPN /100ML | Absent | Absent | Absent | Apha23rd E:d-9221-B |
| 2. | E.coli ,MPN/100ML | Absent | Absent | Absent | Apha23rd E:d-9221-B |


Sample tested by
Chemist


(Er.Pawan singh)
Assistant engineer
Authorized signatory

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