

District Level Laboratory, PHED NAGAON
Office of the Executive Engineer(PHE),NAGAON

Test Report

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| Test Report No. PHED/S/001 | Test Report Issue Date: 10/04/2023 |
| Customer Name & Address: HATICHOG COLLEGE | |
| Customer Contact No.: 9101064685 | Sample Received Date: 07/04/2023 |
| Test Start Date: 07/04/2023 | Test Complete Date: 10/04/2023 |
| Sample Details Furnished by Customer | |
| Source: B/WELL | Sample Container: WATER BOTTLE |
| Location: DALANGGHAT NIZ HATICHUNG | Sample Quantity: 500ml |
| Sample Collected By: NA | Sample Collected at Source Date: 07/04/2023 |

| Sr. # | Parameter | Method Used | Results | IS 10500:2012(SecondRevision) | | Unit |
|-------|------------------------|---------------------------|-----------|-------------------------------|---|-----------|
| | | | | Desirable limit | Max. Permissible limit (in absence better alternate source) | |
| 1. | pH | IS: 3025: Part 11 @ 25 °C | 6.56 | 6.5 – 8.5 | 6.5-8.5 | pH Units |
| 2. | Total Dissolved Solids | IS: 3025: Part 16 | 157 | 500 | 2000 | mg/L |
| 3. | Turbidity | IS: 3025:Part 10 | 2.8 | 1 | 5 | NTU |
| 4. | Iron | APHA 3500- Fe B | 0.31 | 0.3 | 1 | mg/L |
| 5. | Chloride | IS: 3025: Part 32 | 94 | 250 | 1000 | mg/L |
| 6. | Total Hardness | IS: 3025: Part 21 | 202 | 200 | 600 | mg/L |
| 7. | Total Alkalinity | IS: 3025: Part 23 | 104 | 200 | 600 | mg/L |
| 8. | Fluoride | IS: 3025: Part 60 | 0.26 | 1.0 | 1.5 | mg/L |
| 9. | Residual Chlorine | | 0.3 | 0.2 | 1 | mg/L |
| 10. | Arsenic | IS 3025: Part 37 | | 0.01 | 0.05 | mg/L |
| 11. | Colour | IS: 3025: Part 4 | 15 | 5 | 15 | HU |
| 12. | Odour | IS: 3025: Part 5 | Agreeable | Agreeable | Agreeable | |
| 13. | Taste | IS: 3025: Part 8 | Agreeable | Agreeable | Agreeable | |
| 14. | Calcium | IS: 3025: Part 40 | 62.82 | 75 | 200 | mg/L |
| 15. | Magnesium | APHA 3500- Mg B | 20.64 | 30 | 100 | mg/L |
| 16. | Bacteria | | NIL | 0 | 0 | MPN/100ml |

Opinion: The parameter tested at Sr. No. _ in this test report does not meet the requirement of IS 10500:2012

OR

Opinion: The parameters tested from Sr. No. PHED/WSS/001 in this test report individually meet the requirement of IS 10500:2012
THE SOURCE IS SAFE

Notes:

NA: Not Available, BDL: Below Detection Level,NT: Not Tested

- The results given above are related only to the sample as received and tested in this laboratory.
- Reliability of sample lies with the sender.
- The test report cannot be regenerated/re-produced in whole or in part without written permission of Laboratory.
- The test report cannot be used for any publicity or any legal purpose.
- The test samples meant for chemical analysis will not be retained more than 15 days from the date of issue of test report

--- End of Report ---

Sample Tested by:

NAME_Ritwik kashyap
Authorized Signatory
Quality Manager
DLL, PHED Nagaon

Asstt. Executive Engineer (PHE)
Nagaon Sub Division, Nagaon