



**District Water Quality Testing Laboratory, PHED
aflong Office of the Executive Engineer (PHE),
Haflong**



Test Report

ULR No. : TC-11683-24-0-000000139-F

TC-11683

Test Report No.: DLL/HFG/2024-25/PS-33 - 670	Test Report Issue Date: 08-11-2024
Customer Name & Address: Sister Sheetal, St. Xaviers's Gidingpur, Maibang	
Customer Contact No. : 6003019352	Sample Received Date: 04-11-2024
Test Start Date: 04-11-2024	Test Complete Date: 06-11-2024
Sample Details Furnished by Customer	
Source: Ringwell	Sample Container: Properly Sealed
Location: St. Xaviers's Gidingpur, Maibang	Sample Condition: 1 ltr, good condition, at 4°C
Sample Collected By: Sister Sheetal	Sample Collected at Source Date: 04-11-2024

Sr. No.	Parameter	Method Used	Results	IS 10500:2012 (Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1.	pH	IS: 3025: Part 11 @ 25 C	6.72	6.5 - 8.5	No relaxation	pH Units
2.	Total Dissolved Solids	IS: 3025: Part 16	40	500	2000	mg/L
3.	Turbidity	IS: 3025: Part 10	0.12	1	5	NTU
4.	Iron	APHA 3500- Fe B	BDL	0.3	No relaxation	mg/L
5.	Nitrate	IS: 3025: Part 34	--	45	No relaxation	mg/L
6.	Chloride	IS: 3025: Part 32	11.34	250	1000	mg/L
7.	Total Hardness	IS: 3025: Part 21	16.16	200	600	mg/L
8.	Total Alkalinity	IS: 3025: Part 23	15	200	600	mg/L
9.	Fluoride	APHA 4500- F D	--	1.0	1.5	mg/L
10.	Sulphate	IS:3025: Part 24	3.143	200	400	mg/L
11.	Arsenic	IS 3025: Part 37	BDL	0.01	0.05	mg/L
12.	Colour	IS: 3025: Part 4	3	5	15	Hazen
13.	Odour	IS: 3025: Part 5	Agreeable	Agreeable	Agreeable	
14.	Taste	IS: 3025: Part 8	Agreeable	Agreeable	Agreeable	
15.	Calcium	IS: 3025: Part 40	0.80	75	200	mg/L
16.	Magnesium	APHA 3500- Mg B	3.43	30	100	mg/L
17.	Free Residual Chlorine	APHA 4500-Cl B	0.0	0.2	1.0	mg/L

Opinion: The parameters tested from Sr. No. 1 to 17 in this test report individually meet the requirement of IS 10500:2012: 04-12-20

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 ---

Reviewed by:

AS

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