



## DISTRICT LEVEL LABORATORY (PHED), BONGAIGAON

Address: Office of the Asstt. Executive Engineer (PHE), Bongaigaon

Sub-Division: Bongaigaon

Email ID: phe.bongaigaon@gmail.com

### Test Report

ULR No.	: TC127682400000914 F	Issue Date	: 07/03/2025
Issue No	: 914	Sample Quantity	: 1 Liter
Sample Type	: C/W.../...R/W.....	Issue To	: Barnali Medhi
Sample collected on dated	: 03/03/2025	Sample Collected by	: Barnali Medhi
Sample Location	: International Academy of Scholars	Date of analysis start	: 03/03/2025
Temperature & Humidity	: 25 °C & 60 %	Date of analysis Complete	: 03/03/2025
Customer Reference No.	: PHEE / BNGN / Pt-VI/ 2024-2025/ 914 Dt 03/03/2025		
Customer Contact No.	: 8638306094	Sample Description	: Good @ 4°C

### RESULTS

Sl. No.	Parameter	Test Method	Results	Desirable limit	Max. Permissible limit (in absence better alternate source)	Unit
1	Colour	IS: 3025: Part 4	≤5	5	15	Hazen
2	Odour	IS: 3025: Part 5	A	Agreeable	Agreeable	
3	Taste	IS: 3025: Part 8	A	Agreeable	Agreeable	
4	pH	IS: 3025: Part 11 (25±2)°C	6.75	6.5 - 8.5	No relaxation	pH Units
5	Total Dissolved Solids	IS: 3025: Part 16 (Gravimetric Method)	53.67	500	2000	mg/L
6	Turbidity	IS: 3025: Part 10	0.1	1	5	NTU
7	Iron	APHA 3500- Fe B	0.02	1	No relaxation	mg/L
8	Nitrate	APHA 4500- NO3 D	2.11	45	No relaxation	mg/L
9	Chloride	IS: 3025: Part 32	15.59	250	1000	mg/L
10	Total Alkalinity	IS: 3025: Part 23	24	200	600	mg/L
11	Total Hardness	APHA 2340 C	42	200	600	mg/L
12	Calcium	APHA 3500-Ca Part B	9.61	75	200	mg/L
13	Magnesium	APHA 3500- Mg B	4.37	30	100	mg/L
14	Fluoride	APHA 4500- F C	0.081	1.0	1.5	mg/L
15	Sulphate	IS: 3025: Part 24	5.13	200	400	mg/L
16	Arsenic	APHA 3500- As B	BDL	0.01	No relaxation	mg/L

:- Below Detection Limit, R/W :- Raw Water, C/W :- Clear Water, ≤ :- Less Than or Equal to, ≥ :- Greater Than or Equal to

**Opinion:-The parameters tested above meet the requirement of IS 10500:2012**

Note:-

1. The Results given above are related to the samples are received and tested in this laboratory. Reliable of samples lies with the sender
2. The test report cannot be regenerated /re-produced in whole or in part without written permission of laboratory
3. The test report cannot be used for any publicity and legal purpose.
4. The test samples meant for chemical analysis will be disposed of after 7 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Reviewed by:

Chayanika Das  
Dudul Moni Das

Authorised by:

ARPITA DAS  
i/c District Water Level Laboratory  
Bongaigaon

.....END OF REPORT.....