

GOVERNMENT OF ASSAM  
OFFICE OF THE EXECUTIVE ENGINEER (PHE) BONGAIGAON DIVISION: BONGAIGAON

NO. PHEE/BNGN/TC-53 Pt- VI/2025-26/ 2728

DT 05-09-25

**Certificate**

This is to certify that the water sample of Braintree International School submitted to District Level Laboratory Bongaigaon on 02/09/2025 has been tested in the laboratory for chemical and bacteriological parameters and is found to be safe and potable.



Member Secretary, DWSC cum  
Executive Engineer (PHE)  
Bongaigaon Division

O/o Ex. Engineer (Retd.), Bongaigaon Div, Dolgaon, Uzanpara, Bongaigaon, Assam, Pin: 783100 (Test Address only)

## Test report

Sample Id: UZ09535511555583

## User Information

Name: Sibabrata Roy  
 Mobile: 8876812086  
 Email: sibabrata@gmail.com  
 Pin Code: 0  
 Full Address: Village- Not available, Gram Panchayat- Not available, Block- Not available, District- Bongaigaon, State- Assam

## Sample description

Source of Sample: Braintree International School  
 Village: Jelakhar PT1 (Jelakhar PT1)  
 Gram Panchayat: Mulgaon  
 Block: Dangatol  
 District: Bongaigaon  
 State: Assam  
 Address:  
 Remarks:  
 Latitude: 26.27234  
 Longitude: 90.32338

### Date & time of sample collection

02.09.2025 | 09:45:00 AM

### Date & time of sample received in lab

02.09.2025 | 11:30:00 AM

### Date & time of sample analysed

02.09.2025 | 02:58:00 PM

### Date & time of report generation

04.09.2025 | 03:08:17 PM

## Test results

S. No.	Parameter/Parameter Code	Unit of Measurement	Observed Value/ Acceptable limit for drinking water (IS:10500)	Standard Limit (mg/l or µg/l)	Test Value (mg/l or µg/l)	Method of Determination
1	Calcium (as Ca)*	mg/l	75	200	11.220	EDTA Titrimetric method
2	Chloride (as Cl)*	mg/l	250	1000	8.500	Argentometric method
3	Colour*	Hazen units	5	15	2.000	Visual comparison method

Sl. No.	Parameter	Unit	Requirement (IS 10500:2002)	Relaxation	Observed Value	Method of Analysis
	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MPN
5	Fluoride (as F)*	mg/l	1	15	0.076	Sodium 2-(parasulphophenylazo)-1,8-dihydroxy-3,6-naphthalene disulphonate (SPADNS) method
6	Free residual Chlorine	mg/l	0.2	1	0.000	Iodometric method
7	Iron (As Fe)*	mg/l	1	No Relaxation	0.090	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method
8	Magnesium (As Mg)*	mg/l	30	100	5.830	Preferable to calculate by Difference of total hardness and calcium hardness
9	Nitrate (as NO3)*	mg/l	45	No Relaxation	3.360	Chromotropic acid method
10	pH*	NA	6.5-8.5	No Relaxation	7.350	Electrometric method
11	Sulphate (as SO4)*	mg/l	200	400	5.330	Turbidimetric method
12	TDS*	mg/l	500	2000	87.740	Gravimetric method
13	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	20.400	Titration method
14	Total Arsenic (As As)*	mg/l	0.01	No Relaxation	0.000	Silver diethyldithiocarbamate (SDDC) method using UV-Visible Spectrophotometer
15	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT
16	Total Hardness (As CaCO3)*	mg/l	200	600	52.000	Titration method
17	Turbidity*	NTU	1	5	0.500	Nephelometric method

**Note:**

- 1)\*Indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

**Data prepared by**

Chemist: (Chayanika Das)

Microbiologist: (Chayanika Das)

**Authorised signatory**  
Chandamita Choudhury (Test Lab Incharge)

\*\*\*\*\* This is an electronically generated report and does not require a signature \*\*\*\*\*

**Jal Jeevan Mission aims at potable tap water supply to every home**

Let's join hands to ensure drinking water is potable, it helps in preventing water borne diseases and improve public health.

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