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

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Jal Jeevan Mission

Har Ghar Jal

O/O Ex Engineer (PHE), Bongaigaon Div, Dalaigaon, Uranpara, Bongaigaon, Assam, Pin: 783380 (Test Address only)

Test report

Sample Id: 1709535531555583

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:	Jelakajhar PT I (jelkajhar PT I)
Gram Panchayat:	Mulagaon	Block:	Dangtol
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 | 02:56:00 PM

Date & time of report generation

04.09.2025 | 03:08:17 PM

Test results

S. No.	Parameter Name	Unit of measurement	Acceptable limit as per IS 10500:2012	Permissible limit in the absence of alternate source as per IS 10500:2012	Test result value	Method of analysis	Remarks
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	

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	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	1.5	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)

****** Being 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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