GOVERNMENT OF TRIPURA
DWS DISTRICT WATER TESTING LABORATORY, BANDUAR
UDAIPUR, GOMATI TRIPURA

TEST REPORT

Name & address of the customer

Report No:- 1(3)/DWS/DIST/LAB/UDP/965
Date:- 18/08/2026

To
Teacher In-Charge
Bhagini Nivedita English Medium H.S. School
Udaipur, Gomati Tripura

Date of receipt of sample:-13/08/2026
Date of start of Analysis:- 18/08/2026
Date of end of Analysis:-18/08/2026
Reference no:-F.1(2)MDM-BNGHSS/2019/181
Date:-13/08/2026

We hereby certify that the following sample submitted to the lboratory has been analyzed with the following results –

1	Description of sample(as declared by the customer)	Drinking Water
	Volume of Sample Received	1 Lit
2	Sample mark(if any given by the customer)	NA
3	Date of sampling declared by customer	13/08/2026
4	Place of sampling declared by customer	Bhagini Nivedita English Medium H.S. School
5	Environmental conditions during sample Receipt	Temp: 25 ^{0}C Humidity 65 %

ANALYSIS OF RESULT

Sl No	Characteristic	Desirable limit (BIS 10500:2012)	Permissible limit (BIS 10500:2012)	Method of test	Result
1	Colour in Hazen Unit	5	15	APHA 23rd edition 2120 B	-
2	Odour			APHA 23rd edition 2160 C	Unobjectionable
3	Taste			APHA 23rd edition 2160 C	Unobjectionable
4	Turbidity in NTU	1	5	APHA 23rd edition 2130 B	7.57
5	PH	6.5 – 8.5	No relaxation	APHA 23rd edition 4500 H^+ B	2.22
6	TDS in mg/L	500	2000	APHA 23rd edition 2540 C	-
7	Total Alkalinity in mg/L as $CaCo_3$	200	600	APHA 23rd edition 2320 B	50
8	Total Hardness in mg/L as $CaCo_3$	200	600	APHA 23rd edition 2340 C	64
9	Iron in mg/L as Fe	1.00	No relaxation	APHA 23rd edition 3500 Fe B	0.185
10	Chloride in mg/L as Cl	250	1000	APHA 23rd edition 4500 Cl(-)B	12
11	Calcium in mg/L as Ca	75	200	APHA 23rd edition 3500 Ca B	-
12	Magnesium in mg/L as Mg	30	100	APHA 23rd edition 3500 Mg B	-

Tested by
Roniah 18-08-2026
Name & designation

Authorized Signatory
18.8.26
Name & designation

- *The results relate only to the items tested as received from the costumer.*
- *The test report shall not be reproduced except in full without the permission of District level water testing laboratory, Banduar, Gomati District.*
- *The reserved part of samples shall be retained for 15 days from the date of issue of the test report.*
- *The report shall not be used for any advertisement or legal purpose.*
  Remarks: Based on the Parameters tested the Results of the sample is following the necessary requirements as per IS 10500:2012.
- *The laboratory is responsible for all the information given the report.*
- BDL Full Form:- (Below Detection Limit)

END OF REPORT

Scanned by CamScanner