

GOVERNMENT OF TRIPURA
SUB-DIVISION LEVEL WATER TESTING LABORATORY
Drinking Water & Sanitation Sub-Division, Kailashahar, Unakoti, Tripura

Dated, Kls, the 05th November, 2025.

Ref. No.	
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REPORT ON CHEMICAL & BIOLOGICAL ANALYSIS OF WATER SAMPLE

Source of Sample : Water Sample of 'Baidyanath Majumder Smriti H.S School', Kaulikura, Kailashahar, Unakoti, Tripura

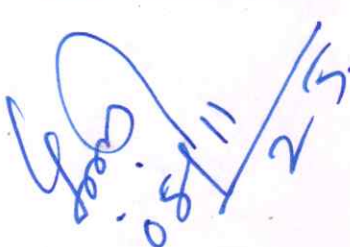
Sample Id : SDLWTL/KLS/Nov-25/03

Date of Collection : 03/11/2025

Date of Received : 03/11/2025

Date of Testing : 05/11/2025

Sl. No.	Name of Item	Permissible Limit (BIS 10500:2012)	Method of Testing	Result
1.	Colour	5 Hazen	APHA 24 th Edition 2120 B	--
2.	Turbidity	5.0 NTU	APHA 24 th Edition 2130 B	0.01 NTU
3.	Odour	Unobjectionable	IS : 3025 (Part 5) - 1983	Unobjectionable
4.	P.H.	6.5 – 8.5	APHA 24 th Edition 4500-H ⁺ B	7.71
5.	Total Alkalinity	600 mg/L	APHA 24 th Edition 2320 B	90 mg/L
6.	Total Hardness as CaCO ₃	600 mg/L	APHA 24 th Edition 2340 C	84 mg/L
7.	Phenolphthaline Alkalinity as CaCO ₃	--	APHA 24 th Edition 2320 B	Nil
8.	Calcium as Ca.	200 mg/L	APHA 24 th Edition 3500-Ca B	16.02 mg/L
9.	Magnesium as Mg.	100 mg/L	APHA 24 th Edition 3500-Mg B	10.69 mg/L
10.	Total Dissolved Solid	2000 mg/L	APHA 24 th Edition 2540 C	77 mg/L
11.	Chloride as Cl.	1000 mg/L	APHA 24 th Edition 4500-Cl ⁻ B	14.47 mg/L
12.	Total Iron as Fe.	1.0 mg/L	APHA 24 th Edition 3500-Fe- B	0.169 mg/L
13.	Residual Chlorine	0.2 mg/L	APHA 24 th Edition 4500-Cl ⁻ B	Nil
14.	Total Coliform	00	IS 1622: 1981, Reaff.2003	Nil
15.	Fecal Coliform	00	IS 1622: 1981, Reaff.2003	Nil


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