

GOVERNMENT OF TRIPURA
DISTRICT LEVEL WATER TESTING LABORATORY
DRINKING WATER AND SANITATION, DHARMANAGAR
NORTH TRIPURA

TEST REPORT

Name & Address of the customer:

Panisagar H.S School, North Tripura

Date of Sample collection : 17.08.2026
Date of Receive of Sample : 17.08.2026
Date of test : 20.08.2026

Analysis of Result

Sl. No.	Name of Item	Desirable Limit (BIS 10500:2012)	Permissible Limit (BIS 10500:2012)	Method of Testing	Result
1	Turbidity in N.T.U	1	5	APHA 24th Edition 2130 B	0.15
2	pH value	6.5-8.5	No Relaxation	APHA 24th Edition 4500-H ⁺ B	6.6
3	Odour	Un Objectionable	Un Objectionable	APHA 24th Edition 2150 C	Odourless
4	Taste	Un Objectionable	Un Objectionable	APHA 24th Edition 2160 C	-
5	Colour in Hazen Unit	5	15	APHA 24th Edition 2120 B	10
6	Total Dissolved Solid	500 mg/L	2000 mg/L	APHA 24th Edition 2540 C	45.4
7	Total Alkalinity in mg/l as CaCO ₃	200	600	APHA 24th Edition 2320 B	52
8	Total Hardness in mg/l as CaCO ₃	200	600	APHA 24th Edition 2340 C	40
9	Iron (as Fe) in mg/l	1.0	No Relaxation	APHA 24th Edition 3500-Fe B	0.165
10	Chloride (as Cl) in mg/l	250	1000	APHA 24th Edition 4500-Cl(-)B	8.98


24.8.26.

Jr. Research Assistant
District Water Testing Laboratory
DWS Dharmanagar, North Tripura


24/08/26
Assistant Engineer
DWS Sub-Division, Dharmanagar
North Tripura