GOVERNMENT OF TRIPURA
DWS DISTRICT LABORATORY KHOWAI
UNDER DWS DIVISION KALYANPUR
KHOWAI DISTRICT : TRIPURA .

PHYSICAL, CHEMICAL AND BACTERIOLOGICAL ANALYSIS REPORT OF WATER SAMPLE

Source of Sample: - Eklavya Modal Residential School, Padmabil, Khowai Tripura.
Date of receipt of Sample:- 16/03/2026
Date of Testing:- 16/03/2026

Sl. No	Name of Parameter	Desirable limit (Unit in mg/l)	Permissible Limit (Unit in mg/l)	Result		Remarks
				Raw water	Treated water	
1	Physical appearance	-	-	Clear	-	
2	Taste & Odour	Unobjectionable /Agreeable	-	Agreeable	-	
3	Turbidity in NTU	1 NTU	5 NTU	0.38	-	
4	pH	6.5-8.5	No Relaxation	7.33 at 26^0 C	-	
5	Total Alkalinity as CaCO3 in mg/l.	200	600	128	-	
6	Total Hardness as CaCO3 in mg/l.	200	600	82	-	
7	Chloride as Cl in mg/l.	250	1000	-	-	
8	Residual Chlorine as Cl in mg/l. (ppm)	0.2	-	-	-	
9	Total Dissolved Solid in mg/l.	500	2000	-	-	
10	Total Iron as Fe in mg/l.	0.3 mg/l	No Relaxation	0.208	-	
11	Arsenic as in mg/l.	0.05	0.05	-	-	
12	Sulphate as SO4 in mg/l.	200	400	-	-	
13	Fluoride as F in mg/l.	1	1.5	-	-	
14	Nitrate as NO3 in mg/l.	45	100	-	-	
15	Total Coliform Bacteria	-	-	-	-	

19/03/26

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Khowai Tripura

19/3/26

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