

**GOVERNMENT OF TRIPURA**  
**SUB-DIVISION LEVEL WATER TESTING LABORATORY, PWD(DWS)**  
**UNDER OFFICE OF THE AE, DWS-SUB DIVISION SABROOM**  
**SABROOM SOUTH TRIPURA**

**REPORT ON PHYSICAL, CHEMICAL & BACTERIOLOGICAL ANALYSIS OF WATER SAMPLE**

Ref. No.F. Nil	
Location of Sample : Ebenezer High School	Habitation/Ward No. :
Source of Sample : SBDTW	Date of Sample Collection : 29/11/2024
Name of District : South Tripura	Date of Received of Sample : 29/11/2024
Name of Block/NPA : Satchand	Date(s) of Performance : 30/11/2024
Name of G.P/V.C : Twikumba	Report Date : 05/12/2024

Sl. No.	Description of Tests	Result	Requirement as per IS : 10500:2012		Remarks
			Acceptable Limit	Permissible Limit	
1	Colour in Hazen unit	15	05	15	
2	Odour	Agreeable	Agreeable	Agreeable	
3	pH value at 25°C	6.59	6.5 to 8.5	No relaxation	
4	Taste	-	Agreeable	Agreeable	
5	Turbidity in NTU	4.41	01	05	
6	Total Dissolved Solids(mg/l)	52.8	500	2000	
7	Chloride as Cl (mg/l)	15	250	1000	
8	Total Alkalinity as CaCO <sub>3</sub> (mg/l)	52	200	600	
9	Total Hardness as CaCO <sub>3</sub> (mg/l)	106	200	600	
10	Iron as Fe (mg/l)	0.81	1	No relaxation	
11	Calcium (mg/l)	20.4	75	200	
12	Magnesium(mg/l)	8.81	30	100	
13	Total Coliform Bacteria(MPN)	0	0(Zero) no./100 ml	0(Zero) no./100 ml	
14	Fecal Coliform Bacteria (MPN)	...	0(Zero) no./100 ml	0(Zero) no./100 ml	

Analysed by

*[Signature]*  
05/12/2024  
Sr. Research Assistant  
Sub-Division Level Water Testing Laboratory  
PWD(DWS), Sabroom, South Tripura.

Sr. Research Assistant  
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*[Signature]*  
05/12/24  
Assistant Engineer  
DWS Sub-Division Sabroom  
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