

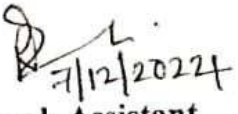
GOVERNMENT OF TRIPURA
DWS, WATER TESTING LABORATORY, MELAGHAR
UNDER AE, DWS-SUB-DIVISION, MELAGHAR
MELAGHAR, SEPAHIJALA, TRIPURA

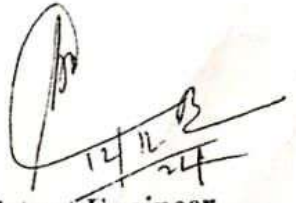
REPORT ON PHYSICAL, CHEMICAL & BACTERIOLOGICAL ANALYSIS OF WATER SAMPLE

Name of Scheme : Klauschowmukhari Date of Sample collection : 17/12/2024
 Location of Sample : H.S. School Date of Sample Received : 07/12/2024
 Name of G.P./VC/NPA : Date of Testing : 7/12/2024
 Name of habitation/Ward No. :
 Sample collected by :

SI No.	Description of Tests	Result	Requirement as per IS: 10500:2012		Remarks
			Acceptance Limit	Permissible Limit	
1	Temperature of the sample in C				
2	Colour in Hazen unit		05	15	
3	Odour		Agreeable	Agreeable	
4	Taste		Agreeable	Agreeable	
5	Turbidity in NTU	47.9	01	05	
6	pH value	6.78	6.5 to 8.5	No relaxation	
7	Total Dissolved Solid (mg/l)		500	2000	
8	Total Hardness as CaCO ₃ (mg/l)	38	200	600	
9	Total Alkalinity as CaCO ₃ (mg/l)		200	600	
10	Iron as Fe (mg/l)	1.46	1	No relaxation	
11	Chloride as Cl (mg/l)		250	1000	
12	Free Residual Chlorine (mg/l)	N.B	0.2	1	
13	Manganese as Mn (mg/l)		0.1	0.3	
14	Calcium as Ca (mg/l)		75	200	
15	Magnesium Mg (mg/l)		30	100	
16	Arsenic as As (mg/l)		0.01	No relaxation	
17	Flouride as F (mg/l)		1.0	1.5	
18	Sulphate as SO ₄ (mg/l)		200	400	
19	Nitrate as NO ₄ (mg/l)		45	No relaxation	
20	Dissolve Oxygen as O ₂ (mg/l)		06 or >06	No relaxation	
21	Total Coliform Bacteria (MNP)		0(Zero)no./100 ml	0(Zero)no./100 ml	
22	Fecal Coliform Bacteria (MNP)		0(Zero)no./100 ml	0(Zero)no./100 ml	

Analysed by


 7/12/2024
Sr. Research Assistant
DWS Water Testing (Lab)
DWS, Sub-Division, Melaghar
Melaghar, Sepahijala, Tripura


 14/12/24
Assistant Engineer
DWS, Sub-Division, Melaghar
Melaghar, Sepahijala, Tripura