

GOVERNMENT OF MANIPUR
PUBLIC HEALTH ENGINEERING DEPARTMENT
REPORT ON PHYSICO-CHEMICAL AND BACTERIOLOGICAL ANALYSIS

1. Location & address of the source : KV School
2. Name of block : Churachandpur
3. Type of Source : Surface Water
4. Date of Sample : 08/07/2019
5. Date of Testing : 09/07/2019
6. Name of District : Churachandpur

Types of Parameters to be tested

Sl no.	Quality Parameters	Units of Measurement	BIS Permissible Limit	BIS Desirable Limit	Actual Sample
1.	Alkalinity	Mg/l	600	200	82
2.	Aluminium	Mg/l	0.2	0.03	
3.	Arsenic	Mg/l	0.05	0.03	
4.	Calcium	Mg/l	200	75	98
5.	Chloride	Mg/l	1000	250	110
6.	Coliform	MPN/100ml	0	0	
7.	Copper	Mg/l	1.5	0.05	
8.	E-Coli	MPN/100ml	0	0	
9.	Fluoride	Mg/l	1.5	1	
10.	Hardness	Mg/l	600	300	126
11.	Iron	Mg/l	1	0.3	
12.	Magnesium	Mg/l	100	30	6.804
13.	Manganese	Mg/l	0.3	0.1	
14.	Nitrate	Mg/l	45	45	
15.	pH	Mg/l	8.5	6.5	7.86
16.	Residual Chloride	Mg/l	0.5	0.2	
17.	Salinity	Mg/l	600	300	
18.	Sulphates	Mg/l	400	200	
19.	TDS	Mg/l	2000	500	367.2
20.	Turbidity	NTU	5	1	0.2

Type of source: (I) Scheme Source (II) Delivery Point/Stand Point
(III) Surface Water (IV) Private
(V) Public (All Source)

Sample Found (Fit/Unfit)..FIT

Lab In Charge
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