



**GOVERNMENT OF ARUNACHAL PRADESH
STATE WATER QUALITY TESTING LABORATORY
PHE & WS DEPARTMENT,
ITANAGAR**

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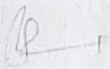
WATER ANALYSIS REPORT

Laboratory reference No. : SWTL/WQR-8/2025/233
Name and address of Sender : The Principal, JNK School, Itanagar
Sample source and location : Filter water
Date and time of collection of sample : 03/03/2026
Date and Time of Completion of Test : 05/03/2026

Physical, Chemical and Bacteriological parameters

Sl. No.	Parameter (Unit)	Acceptable Limit (BIS)	Permissible Limit (BIS)	Report
1	Temperature(^o C)	-	-	22.1
2	Turbidity (NTU)	1	5	0.86
3	pH	6.5-8.5	No relaxation	7.16
4	Total Dissolved Solid (mg/L)	500	2000	125
5	Electrical Conductivity (μ S/cm)	-	-	199.2
6	Total Hardness as CaCO ₃ (mg/L)	200	600	103
7	Total Alkalinity (mg/L)	200	600	75
8	Chloride (mg/L)	250	1000	19.1
9	Sulphate (mg/L)	200	400	1.78
10	Fluoride (mg/L)	1.0	1.5	0.12
11	Nitrate (mg/L)	45	No Relaxation	0.71
12	Dissolved Oxygen (mg/L)	>5	-	9.05
13	Iron (mg/L)	1.0	No Relaxation	0.14
14	Arsenic (mg/L)	0.01	No Relaxation	Nil
15	Copper (mg/L)	0.05	1.5	Nil
16	Lead (mg/L)	0.01	No Relaxation	Nil
17	Mercury (mg/L)	0.001	No Relaxation	Nil
18	Zinc (mg/L)	5	15	Nil
19	Cadmium	0.003	No Relaxation	Nil
20	Total Coliform Bacteria (per 100 mL)	0	No Relaxation	0
21	Faecal Coliform Bacteria (per 100 mL)	0	No Relaxation	0

Remarks: All the tested parameters are within BIS permissible limit..


(Dr. Binod Pokhrel)
Chief Chemist-cum- Consultant State Level WQ
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N.B.: This report cannot be used for any legal purpose.