



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-8/2025/43
Name and address of Sender : Director, Don Bosco School, Jollang, Itanagar
Sample source and location : Filter water
Date and time of collection of sample : 24/06/2025
Date and Time of Completion of Test : 26/06/2025

Physical, Chemical and Bacteriological parameters

Sl. No.	Parameter (Unit)	Acceptable Limit (BIS)	Permissible Limit (BIS)	Report
1	Temperature(⁰ C)	-	-	26.4
2	Turbidity (NTU)	1	5	0.32
3	pH	6.5-8.5	No relaxation	7.55
4	Total Dissolved Solid (mg/L)	500	2000	117
5	Electrical Conductivity (μ S/cm)	-	-	178.5
6	Total Hardness as CaCO ₃ (mg/L)	200	600	98
7	Total Alkalinity (mg/L)	200	600	72
8	Chloride (mg/L)	250	1000	14.3
9	Sulphate (mg/L)	200	400	2.18
10	Fluoride (mg/L)	1.0	1.5	0.19
11	Nitrate (mg/L)	45	No Relaxation	0.52
12	Dissolved Oxygen (mg/L)	>5	-	8.90
13	Iron (mg/L)	1.0	No Relaxation	0.10
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.