



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

Phone No. 0360-2214057
0360-2292335
Fax No. 0360-2292220

E-Mail id- jjmarunachal@gmail.com

WATER ANALYSIS REPORT

Laboratory reference No. : SWTL/WQR-8/2025/229
Name and address of Sender : Head Mistress, Auxilium School, Gohpur Tinali, Itanagar
Sample source and location : Raw Water/RO Water
Date and time of collection of sample : 02/02/2026
Date and Time of Completion of Test : 06/02/2026

Physical, Chemical and Bacteriological parameters

Sl. No.	Parameter (Unit)	Acceptable Limit (BIS)	Permissible Limit (BIS)	Report
1	Temperature(°C)	-	-	20.5
2	Turbidity (NTU)	1	5	0.31
3	pH	6.5-8.5	No relaxation	7.55
4	Total Dissolved Solid (mg/L)	500	2000	134.7
5	Electrical Conductivity (µS/cm)	-	-	207.3
6	Total Hardness as CaCO ₃ (mg/L)	200	600	96
7	Total Alkalinity (mg/L)	200	600	82
8	Chloride (mg/L)	250	1000	13.8
9	Sulphate (mg/L)	200	400	2.73
10	Fluoride (mg/L)	1.0	1.5	0.17
11	Nitrate (mg/L)	45	No Relaxation	0.62
12	Dissolved Oxygen (mg/L)	>5	-	9.05
13	Iron (mg/L)	1.0	No Relaxation	0.11
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
State Water Quality Testing Lab
PHE & WS Deptt. Itanagar.

N.B.: This report cannot be used for any legal purpose.