



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

Phone No. 0360-2214057
+91-8876745266

E-Mail id- wqmisap@gmail.com

WATER ANALYSIS REPORT

Laboratory reference No. : SWTL/WQR-7/2024/173
Name of Applicant : Head Mistress, Auxilium School, Gohpur Tinali, Itanagar
Sample source : Tap Water, Borewell
Date of collection of sample : 07/02/2025
Sample Received by : J. Gogoi, Lab Assistant, SWQTL
Date of Completion of Test : 10/02/2025

Physical, Chemical and Bacteriological parameters

Sl. No.	Parameter (Unit)	Acceptable Limit (BIS)	Permissible Limit (BIS)	Report
1	Temperature(°C)	-	-	20.1
2	Turbidity (NTU)	1	5	0.35
3	pH	6.5-8.5	No relaxation	7.45
4	Total Dissolved Solid (mg/L)	500	2000	36.6
5	Electrical Conductivity (µS/cm)	-	-	56.30
6	Total Hardness as CaCO ₃ (mg/L)	200	600	34
7	Total Alkalinity (mg/L)	200	600	23
8	Chloride (mg/L)	250	1000	4.12
9	Sulphate (mg/L)	200	400	1.09
10	Fluoride (mg/L)	1.0	1.5	0.19
11	Nitrate (mg/L)	45	No Relaxation	0.38
12	Iron (mg/L)	1.0	No Relaxation	0.34
13	Arsenic (mg/L)	0.01	No Relaxation	BDL*
14	Copper (mg/L)	0.05	1.5	BDL
15	Lead (mg/L)	0.01	No Relaxation	BDL
16	Mercury (mg/L)	0.001	No Relaxation	BDL
17	Zinc (mg/L)	5	15	BDL
18	Cadmium	0.003	No Relaxation	BDL
19	Total Coliform Bacteria (per 100 mL)	0	No Relaxation	0
20	Faecal Coliform Bacteria (per 100 mL)	0	No Relaxation	0

*BDL: Below Detection Limit

Remark: All the tested parameters are within BIS permissible limit. Water sample is safe in terms of tested parameters

(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.