



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

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Laboratory reference No. : SWTL/WQR-5/2023/284
Name and address of Sender : Kaini Martha, HM, Auxillium School, Gohpur Tinali
Sample source and location : Supply Water, Auxillium School
Date and time of collection of sample : 02/11/2023
Date and Time of Completion of Test : 04/11/2023


Physical, Chemical and Bacteriological parameters

Sl. No.	Parameter (Unit)	Acceptable Limit (BIS)	Permissible Limit (BIS)	Report
1	Temperature(°C)	-	-	23.9
2	Turbidity (NTU)	1	5	0.31
3	pH	6.5-8.5	No relaxation	7.35
4	Total Dissolved Solid (mg/L)	500	2000	37.9
5	Electrical Conductivity (µS/cm)	-	-	58.3
6	Total Hardness as CaCO ₃ (mg/L)	200	600	35
7	Total Alkalinity (mg/L)	200	600	26
8	Chloride (mg/L)	250	1000	5.6
9	Sulphate (mg/L)	200	400	2.14
10	Fluoride (mg/L)	1.0	1.5	0.02
11	Nitrate (mg/L)	45	No Relaxation	0.36
12	Dissolved Oxygen (mg/L)	>5	-	8.6
13	Iron (mg/L)	1.0	No Relaxation	0.02
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	Absent
21	Faecal Coliform Bacteria (per 100 mL)	0	No Relaxation	Absent

Remarks: All the tested parameters are within BIS permissible limit. Water is fit for drinking.


(Dr. Binod Pokhrel)

Chief Chemist-cum- Consultant State Level WQ
State Water Quality Testing Lab
PHE & WS Deptt.Itanagar.


Managing Committee
Auxillium School
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N.B.: This report cannot be used for any legal purpose.


Head Mistress
Auxillium School
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