



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/2026-27/84
Name and address of Sender : Principal, Govt.Hr.Sec.School Arunodaya,Vivek Vihar
Sample source and location : School Supply Water
Date and time of collection of sample : 26/09/2026
Date and Time of Completion of Test : 28/09/2026

Physical, Chemical and Bacteriological parameters

Sl. No.	Parameter (Unit)	Acceptable Limit (BIS)	Permissible Limit (BIS)	Result
1	Temperature(^o C)	-	-	28.5
2	Turbidity (NTU)	1	5	1.43
3	pH	6.5-8.5	No relaxation	8.24
4	Total Dissolved Solid (mg/L)	500	2000	179
5	Electrical Conductivity (μ S/cm)	-	-	275.4
6	Total Hardness as CaCO ₃ (mg/L)	200	600	92
7	Total Alkalinity (mg/L)	200	600	74
8	Chloride (mg/L)	250	1000	10.9
9	Sulphate (mg/L)	200	400	2.07
10	Fluoride (mg/L)	1.0	1.5	0.19
11	Nitrate (mg/L)	45	No Relaxation	0.51
12	Dissolved Oxygen (mg/L)	>5	-	10.6
13	Iron (mg/L)	1.0	No Relaxation	0.16
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 normal range.

(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.

Principal
Govt. Hr. Secondary School
Arunodaya, Itanagar (A.P.)