



GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE EXECUTIVE ENGINEER, PHE & WS DIVISION, DIRANG
WEST KAMENG ARUNACHAL PRADESH

Dated : Dirang the, 20th May'2026

No. WD/PHE.SD/WTR/ESTT-34/23-24 / 067

WATER ANALYSIS REPORT

1. Sample Details

- | | |
|------------------------------|-----------------------------|
| 1. Sample Collected By | : Miss Rinchin Lajo |
| 2. Designation | : Lab Assistant |
| 3. Date of Sample Collection | : 19/05/2026 |
| 4. Place of Collection | : Kendriya Vidyalaya Dirang |
| 5. Location | : Jyotinagar, Dirang |
| 6. Source of Water | : W/S at NIMAS, Dirang |
| 7. Collected for | : FSSAI Licensing |

2. Chemical Parameters

SLNo.	Parameters	Result	Permissible Limit (IS 10500)	Remarks
1.	PH	6.60	6.5-8.5	
2.	Turbidity in NTU	0.34 NTU	1-5	
3.	Total Hardness (CaCO ₃) mg/l	30 mg/l	200	
4.	Chloride (Cl) mg/l	1.2 mg/l	250	
5.	Total Iron (Fe) mg/l	0.20 mg/l	1.0	
6.	Nitrate (NO ₃) mg/l	0.106 mg/l	45	
7.	Fluoride (F) mg/l	0.38 mg/l	1.0	
8.	R/Chlorine mg/l	0.01 mg/l	0.2-1	
9.	Total Alkalinity mg/l	55 mg/l	200	
10.	Ammonia (NH ₃) mg/l	0.0 mg/l	0.5	
11.	Sulfate (SO ₄) mg/l	07 mg/l	200	

3. Bacteriological Analysis

SLNO.	Parameters	Result	Permissible Limit (IS 10500)	Remarks
1.	Total Coliform	Abst/100 ml	Absent	
2.	Fecal Coliform (E.coli)	Abst/100 ml	Absent	

4. Conclusion

The Sample Conforms to potable Water Standards and is safe for human Consumption.

5. Analysis Done by : MS. Rinchin Lajo

Lab. Assistant
PHE & SUB-DIVISION, DIRANG

Assistant Engineer
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