

STATE REFERRAL INSTITUTE

Khuahtlang, Mizoram - 796001
Tel : 0389-2322601, Fax : 0389-2321604



Name & Address of the Customer

Eklavya Model Residential
School, Tlangnuam
Contact No. :- 8575521463

TEST REPORT

Report No. : VL/LB/2024-25/004
Report Date : 02.04.2025
Sample ID/ Sr. No. : SRI2526008
Date of Receipt of Sample : 02.04.2025
Date(s) of Performance : 02.04.2025
Reference No. & Date :

We hereby Certify that the following sample submitted to the Laboratory has been analysed with the following results :

1	Source & Place of Sampling	Eklavya Model Residential School Water
2	Place/Name of Village	Tlangnuam
3	Block/District	Aizawl
4	Sealed/Unsealed	Unsealed
5	Department	Ministry of Tribal Affairs, Government of India
7	Name and Designation of the Person collecting the samples	Maria
8	Date of Sampling of the Customer	02.04.2025
9	Date and time of receiving the sample	02.04.2025
10	Description of Sample (As declared by customer)	For Commercial purpose.
11	Environmental conditions during testing	Temp 21.5 °C & RH 47%

SN.	Characteristics	B.I.S Specification for drinking IS-10500 : 2012		Method of Test	Results
		Acceptable Limit	Permissible Limit		
1	pH at 26.1°C	6.5-8.5	-	APHA 24th Ed.2023, 4500 H+B	6.65
2	Total Dissolved Solids (in mg/l)	500.0	2000.0	APHA 24th Ed.2023 2540 C	25.00
3	Conductivity (in µmho/cm)	500.0	1500.0	APHA 24th Ed.2023, 2510 B	48.9 @ 27.0°C
4	Colour	5.0	15	APHA 24th Ed.2023 2120 B	<5
5	Odour	Agreeable	Agreeable	IS: 3025 (Part 5) – 1983	Agreeable
6	Taste	Agreeable	Agreeable	APHA 24th Ed.2023, 2160 C	Agreeable
7	Turbidity (in NTU)	1.0	5.0	APHA 24th Ed.2023, 2130 B	0.10
8	Total Alkalinity as CaCO ₃	200.0	600.0	APHA 24th Ed.2023, 2320 B	30.00
9	Total Chloride	250.0	1000.0	APHA 24th Ed.2023 4500-Cl- B	14.50
10	Total Hardness	300.0	600.0	APHA 24th Ed.2023, 2340 C	12.00
11	Calcium as Ca	75.0	200.0	APHA 24th Ed.2023, 3500-Ca B	1.60
12	Magnesium as CaCO ₃	30.0	100.0	APHA 24th Ed.2023, 3500-Mg B	1.94

Disclaimer :

- The results relate only to the item(s) tested as received.
- This Test Report shall not be reproduced except in full, without the permission of State Referral Institute, PHED.
- The reserved part of sample(s) shall be retained for 10 days from the date of Completion of Test.
- The laboratory is responsible for all the information given in the report.

Reviewed by

(LALHRIATZUALI RENTHLEI)
Deputy Quality Manger

Authorised by

(LALHRIATZUALI RENTHLEI)
Deputy Quality Manger

***** End of report *****

Name & Address of the Customer

Eklavya Model Residential
School, Tlangnuam
Contact No. :- 8575521463

TEST REPORT

Report No. : VL/LB/2024-25/004
Report Date : 01.04.2025
Sample ID : SRI2526005
Date of Receipt of Sample : 01.04.2025
Date(s) of Performance : 01.04.2025
Reference No. & Date :

We hereby Certify that the following sample submitted to the Laboratory has been analysed with the following results :

1	Source & Place of Sampling	Eklavya Model Residential School Water			
2	Place/Name of Village	Tlangnuam			
3	Block/District	Aizawl			
4	Sealed/Unsealed	Unsealed			
5	Department	Ministry of Tribal Affairs, Government of India			
7	Name and Designation of the Person collecting the samples	Maria			
8	Date of Sampling of the Customer	02.04.2025			
9	Date and time of receiving the sample	02.04.2025			
10	Description of Sample (As declared by customer)	For Commercial purpose.			
11	Environmental conditions during testing	Temp 21.5 °C & RH 47%			

SN.	Characteristics	B.I.S Specification for drinking IS-10500 : 2012		Method of Test	Results
		Acceptable Limit	Permissible Limit		
1	Iron	1.00	1.00	APHA-23rd Ed 2017-3500Fe-B Phenanthroline Method	0.00 mg/L
2	Nitrate (as NO ₃)	45.0	No Relaxation	Cell Test	0.384 mg/L
3	Sulphate (as SO ₄)	200.0	400.00	IS 3025 (Part-24)	0.52 mg/L

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Reviewed by

(LALHRIATZUAL RENTHLEI)
Deputy Quality Manger

Authorised by

(LALHRIATZUAL RENTHLEI)
Deputy Quality Manger

***** End of report *****

GOVERNMENT OF MIZORAM
STATE REFERRAL INSTITUTE
PUBLIC HEALTH ENGINEERING DEPARTMENT
AIZAWL

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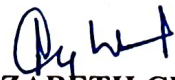
WATER ANALYSIS REPORT

Sample No. : Bact/2024-25/504
Name of Source : Eklavya Model Residential school
Detailed Location : Tlangnuam
Type of Source : Ground Water
Sample collected by : EMRS
Sample Collected on : 27.02.2025
Date of Analysis : 27.02.2025
Name of R.D. Block : Tlangnuam

- 1) Total Coliform (MPN per 100 ml of water samples)
- 2) Faecal Coliform (MPN per 100 ml of water samples)
- 3) P.A. Test

Results of Analysis	IS 15185:2016 (APHA 23 rd Ed-9223 B)
0	Shall not be detectable in any 100 ml sample
0	
-	

Analysed by :


(ELIZABETH CHONGHLUT)

Analyst/Bacteriologist/Lab. Technician

Remarks : Good quality drinking water on bacteriological aspect.


(LALNGAIHAWMA)
Chief Chemist,
State Referral Institute
PHED, Mizoram