

**GOVERNMENT OF MIZORAM
OFFICE OF THE SENIOR CHEMIST,
DISTRICT LABORATORY, PHED
KOLASIB ; MIZORAM**

No. W-DLAB/1/2010/KLB/PHED/80

Dated Kolasib, 25th Feb., 2025

To,

The Vice Principal,
Eklavya Model Residential School,
Bilkhawthlir, Mizoram.

Reference: Nil Dated: 24th February, 2025

Subject: Result of Water Sample.

Madam/Sir,

I have the honour to submit herewith the result of water sample collected on 24.02.2025 from Eklavya Model Residential School, Bilkhawthlir, Mizoram for your kind perusal.

Enclo:

1. Test result of water sample.

Yours faithfully,

R. Laltanpuia
(R.LALTANPUIA)
Senior Chemist,
District Laboratory,
P. H. E Deptt., Kolasib.

DISTRICT LABORATORY, KOLASIB, PHED.

PHED (KDL), Government of Mizoram

Electric Veng, Kolasib

Mizoram - 796081

Tel : +916009262309



Name & Address of the Customer

Eklavya Model Residential
School Tanky,
Bilkhawthlir 'N'
Ph:8732082799

TEST REPORT

Report No. : TP/LB/2022-2023
Report Date : 25.02.2025
Sample ID : R-411 2024-25
Date of Receipt of Sample : 25.02.2025
Date(s) of Performance : 25.02.2025
Reference No. & Date : Departmental request

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

1	Description of Sample (As declared by customer)	For Domestic Purpose
2	Sample Mark (if any, given by the customer)	None
3	Name of Sample Collector	Ms. Vanlalzawnchhuahi
4	Date of Sampling of the Customer	25.02.2025
5	Source & Place of Sampling	Water Supply, Bilkhawthlir

1. Physical Characteristics :

Sl No	Characteristics	B.I.S Specification for drinking		Method of Test	Results
		Acceptable Limit	Permissible Limit		
1	pH	6.5-8.5	-	APHA-23rd Ed 2017-4500-H ⁺ B	7.18
2	Total Dissolved Solids (in mg/l)	500.0	2000.0	APHA-23rd Ed 2017-2540C	102.00
3	Conductivity (in μ mho/cm)	500.0	1500.0	APHA-23rd Ed 2017-2510	210.00
4	Turbidity (in NTU)	1.0	5.0	APHA-23rd Ed 2017-2130B	1.45

2. Chemical Characteristics (in mg/l) :

Sl No	Characteristics	B.I.S Specification for drinking		Method of Test	Results
		Acceptable Limit	Permissible Limit		
1	Total Alkalinity	200.0	600.0	APHA-23rd Ed 2017-2320	26.00
2	Total Chloride	250.0	1000.0	APHA-23rd Ed 2017-4500 Cl ⁻ B	18.00
3	Total Hardness as CaCO ₃	300.0	600.0	APHA-23rd Ed 2017-2340C	92.00
4	Iron	0.3	0.3	APHA-23rd Ed 2017-3500Fe-B	0.01

3. Bacteriological Water Quality:

PA Test = Nil	Total Coliform = Nil	E.Coli = Nil
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Remarks :-

For District Laboratory, Kolasib.

Signature : *R. Laltanpuia*

Name : R. Laltanpuia

Designation : Sr. Chemist

Contact Person : R. Laltanpuia, Sr. Chemist

District Laboratory, Kolasib, PHED

Tel : +916009262309, Email : phekblab@gmail.com.

Analysed by : *[Signature]*

Name : Vanlalmangaihi

Designation : Deputy Quality Manager

Deputy Quality Manager

District Laboratory,

P. O. Electric Veng, Kolasib

- The results relate only to the item(s) tested.
- This Test Report shall not be reproduced except in full, without the permission of District Laboratory, Kolasib, PHED.
- The reserved part of sample(s) shall be retained for 30 days from the date of Completion of Test.

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