



GOVERNMENT OF NAGALAND
DISTRICT WATER QUALITY TESTING LABORATORY
PHED, DIMAPUR: NAGALAND

Test Report

Sample ID No.	0326015
Date of sample collection:	09/03/2026
Date of sample delivery at the Lab:	09/03/2026
Customer Name and Address:	Eklavya Model Residential School
Test Commenced on :	09/03/2026
Test Completed on:	11/03/2026
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source:	Filtered Water
Location:	Diphupar, Nagaland
Sample collected by:	Customer
Quantity Received:	2000 ml
Sample Container:	Plastic bottle
Condition of Sample:	Acceptable.

The test result of sample received is as follow.

Sl. No	PARAMETERS	BIS 10500:2012 Unit	Desirable limit	Permissible limit	Test Method	Test Report
1	Color	Hazen Unit	5	15	APHA 23rd Edition 2120 B	01
2	Odor	Agreeable	Agreeable	Agreeable	Qualitative	Agreeable
3	Tastes	Agreeable	Agreeable	Agreeable	Qualitative	NT
4	pH at 25oC		6.5-8.5	No relaxation	APHA23rd Edition 4500 -H+ B	7.72
5	Turbidity	NTU	1	5	APHA23rd Edition 2130 B	0.19
6	Total Dissolved Solids	mg/L	500	2000	APHA23rd Edition 2540 C	103
7	Total Hardness	mg./L as CaCO ₃	200	600	APHA23rd Edition 2340 C	84
8	Calcium	mg/L as Ca ²⁺	75	200	APHA23rd Edition 3500-Ca-B	12.8256
9	Magnesium	mg/L as Mg	30	100	APHA23rd Edition 3500-Mg	12.636
10	Chloride	mg/L as Cl	250	1000	APHA23rd Edition 4500-Cl-B	9.99
11	Total Alkalinity	mg/L as CaCO ₃	200	600	APHA23rd Edition 2320 B	30
12	Iron	mg/L as Fe ²⁺	1.0	No relaxation	Photometer (Palintest- 7100)	BDL
13	Nitrate	mg /L as NO ₄	45	No relaxation	Photometer (Palintest- 7100)	1.04
14	Fluoride	mg/L	1.0	1.5	Photometer (Palintest- 7100)	0.09
15	Bacteriological Contamination	Negative	Negative	No relaxation	H2S vial Strip Test	-ve

Prepared & Verified by



Authorized Signatory

(TZUTIPOKA LONGKUMER)
Chemist
DWQTL, PHED, Dimapur, Nagaland

Note:

NA- Not Available

BDL -Below Detection Level, NT- Not Tested

The test results relates only to the tested sample.

The report shall not be produced in full or part without the written approval of Quality Manager, DWQTL, PHED, Dimapur; Nagaland.

The test items will not be retained for more than 15 days from the date of issue of test report.

(Signature)
Administrator
Eklavya Model Residential School
Diphupar, Chümoukeuma : Nagaland

End of Report

DISTRICT/DIVISION WATER TESTING LABORATORY
(NATIONAL DRINKING WATER MISSION/WATER SUPPLY AND SANITATION DIVISION)
ANALYSIS REPORT ON WATER SAMPLE
(District/State, DIMAPUR, NAGALAND)

Sr. No: 0326015

Date: 11/03/2026

PARTICULARS OF SAMPLE

1	Place/Name of Village	:	<u>EKLAVYA MODEL RESIDENTIAL School</u>
2	Block/District	:	<u>DIMAPUR</u>
3	Source	:	<u>FILTER WATER</u>
4	Sealed/Unsealed	:	<u>UNSEALED</u>
5	Date and Time of Collection	:	<u>09/03/2026</u>
6	Dept	:	
7	Spring Level	:	
8	Name and Designation of the Person collecting the samples	:	

TEST RESULTS

PHYSICAL AND CHEMICAL


		TEST RESULT	BIS Desirable limit	Permissible Limit in absence of Alternate source
1	Turbidity (JTU)	<u>0.19</u>	<u>1 NTU</u>	<u>5 NTU</u>
2	Colour (Unit o Pt-Co Scale)	<u>01</u>	<u>5</u>	<u>15</u>
3	Taste and Odours (Qualitative)	<u>NT</u>		
4	PH	<u>7.72</u>	<u>6.5-8.5</u>	<u>no relaxation</u>
5	Total Dissolved Solids (mg/l)	<u>103</u>	<u>500 mg/l</u>	<u>2000 mg/l</u>
6	Total Alkalinity (as CaCO ₃) mg/l	<u>30</u>	<u>200 mg/l</u>	<u>600 mg/l as CaCO₃</u>
7	Total Hardness (as CaCO ₃) mg/l	<u>84</u>	<u>200 mg/l</u>	<u>600 mg/l as CaCO₃</u>
8	Calcium	<u>12.8</u>	<u>75 mg/l</u>	<u>200 mg/l as Ca²⁺</u>
9	Magnesium	<u>12.6</u>	<u>30 mg/l</u>	<u>150 mg/l as Mg</u>
10	Carbonate			
11	Non-Carbonate			
12	Chlorides (as Cl) mg/l	<u>9.99</u>	<u>250 mg/L</u>	<u>1000 mg/l as Cl</u>
13	Sulphates (as SO ₄) mg/l	<u>NT</u>		
14	Fluorides (as F) mg/l	<u>0.09</u>	<u>1.0 mg/L</u>	<u>1.5 mg/l</u>
15	Nitrate (as NO ₃) mg/l	<u>1.04</u>	<u>45.0 mg/l</u>	<u>No relaxation</u>
16	Iron (as Fe) mg/l	<u>BDL</u>	<u>1.0 mg/L as Fe²⁺</u>	<u>No relaxation</u>
17	Residual Chlorine (as Cl) mg/l	<u>NT</u>		
18	Conductivity micromhos/cm			

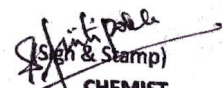
BACTERIOLOGICAL

1. Plate Count (Colonies/ml)
2. Coliform Organism (MPN/100 ml)

REMARKS: (In view of the above analysis)

1. The water is potable/non potable as Tested Result.
2. The following parameters are more then acceptable but less than the cause for rejection limit.


Administrator
Eklavya Model Residential School
Diphupar, Chumoukedima : Nagaland


CHEMIST
Water Supply & Sanitation
Division/District level Water Testing Laboratory
DIMA PUR

Annexure C

Appendix-XIII

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated:

It is certified that an inspection team headed by Mr. Santnuksing Jit

(Name of Officers with designation) from PHED

(Name of Department/ Office) inspected the Eklavya Model Residential School

(Name & Address of the school) on 09/03/26 (date of inspection), checked the water test report

submitted by the school and found that the school has potable drinking water for students and staff of the

institution and is having provision for running water in the toilets and maintaining hygienic sanitation

condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

The above is valid for a period of 3 (Three) months

Signature with Seal: [Signature]

SDO (PHED)

~~CMD Sub-Division~~

Name :

H. Nagabo Sema

Designation :

S.D.O

Assistant Engineer of
the Govt. Public Health Department (PHED)/
Authorised officer of the Local Body

Name & Address of the Office / Department :

URBAN DIVISION DIMAPUY
PHED

To

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(Name & Address of the Institution)

* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.

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[Signature]
Administrator
Eklavya Model Residential School
Chimoukedima : Nagaland