



**GOVERNMENT OF NAGALAND
STATE WATER QUALITY TESTING LABORATORY
PHED, DIMAPUR: NAGALAND**

No. PHE/S/LAB/D-Water/C/24/005

Date: 05-04-2024

TO WHOM IT MAY CONCERN

This is to certify that water sample received from **Livingstone Foundation International**, collected from R O filter source located at Thahekhu/Kevijau, Dimapur-797112, Nagaland has been analysed at *State Water Quality Testing Laboratory, PHED Dimapur: Nagaland* on 04th of April 2024, and found that value of the test results are within the desirable limit as per IS 10500:2012 for the parameters analysed.

The test report is attached herewith and relates only to the tested sample.

The above condition is valid for the period of **6 (six) months** from the date of issue.





(A ROLLAND KIKON)

Chemist

State Water Quality Testing Laboratory
PHED:Dimapur, Nagaland

Chemist
State Water Quality Testing Laboratory
PHED, Dimapur: Nagaland



**GOVERNMENT OF NAGALAND
STATE WATER QUALITY TESTING LABORATORY
PHED, DIMAPUR: NAGALAND**

Test Report

Sample ID No.	0424009
Date of sample collection:	04/04/24
Date of sample delivery at the Lab:	04/04/24
Customer Name and Address:	Livingstone Foundation International
Test Commenced on :	04/04/24
Test Completed on:	05/04/24
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source:	R O Filter water
Location:	Thahekhu/Kevijau Dimapur.-797112:Nagaland
Sample collected by:	Customer
Quantity Received:	1.0 Ltr
Sample Container:	Plastic Bottle
Condition of Sample:	Acceptable condition
Ref.No	LFI/CBSE/DOCS/PHED/2024-01 Dated 04.04.2024

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	5 Hazen Unit	15 Hazen Unit	APHA 23 rd Edition 2120 B	03
2	Odor	Agreeable	Agreeable	Qualitative	Agreeable
3	Tastes	Agreeable	Agreeable	Qualitative	Agreeable
4	pH at 25°C	6.5-8.5	No relaxation	APHA23 rd Edition 4500 -H ⁺ B	7.2
5	Turbidity	1 NTU	5 NTU	APHA23 rd Edition 2130 B	0.9
6	Total Dissolved Solids mg/L	500 mg/L	2000 mg/L	APHA23 rd Edition 2540 C	93
7	Total Hardness	200 mg./L as CaCO ₃	600 mg./L as CaCO ₃	APHA23 rd Edition 2340 C	64
8	Calcium	75 mg/L as CaCO ₃	200 mg/L as CaCO ₃	APHA23 rd Edition 3500-Ca-B	40
9	Magnesium	30 mg/L as Mg	100 mg/L as Mg	APHA23 rd Edition 3500-Mg	5.8
10	Total Alkalinity	200 mg/L as CaCO ₃	600 mg/L as CaCO ₃	APHA23 rd Edition 2320 B	32
11	Chloride	250 mg/L as Cl	1000 mg/L as Cl	APHA23 rd Edition 4500-ClB	9.9
12	Iron	1.0 mg/L as Fe ⁺²	No relaxation	Photometer (Palintest- 7100)	0.0
13	Nitrate	45 mg./L as NO ₄	No relaxation	Photometer (Palintest- 7100)	3.5
14	Fluoride	1.0 mg/L	1.5 mg/L	Photometer (Palintest- 7100)	0.04
15	Sulphate	200 mg/L as SO ₄	400 mg/L	Photometer (Palintest- 7100)	02
16	Bacteriological Contamination	Negative	Negative	H ₂ S vial Strip Test	-ive

Prepared & Verified by



Authorized Signatory
A. Rolland Kikon
Quality Manager (Chemist)
SWQTL, PHED, Dimapur: Nagaland

Chemist
State Water Quality Testing Laboratory
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, SWQTL, PHED, Dimapur: Nagaland.

The test report is valid for the period of six (6) months.

End of Report