



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

Test Report

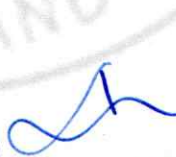
Sample ID No.	0526029
Date of sample collection:	13/05/26
Date of sample delivery at the Lab:	13/05/26
Customer Name and Address:	Shalom Public School
Test Commenced on :	13/05/26
Test Completed on:	14/05/26
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source:	R O Filter water
Location:	Naga Cemetery Road, Kikhruruzha Colony, Chumoukedima
Sample collected by:	Customer
Quantity Received:	1.0 Ltr
Sample Container:	Plastic Bottle
Condition of Sample:	Acceptable condition
Ref. No	Nil

The test result of sample received is as follow.

Sl. No	PARAMETERS	BIS 10500:2012 Unit -Desirable limit	Permissible limit (absence of alternate source)	Test Method	Test Report
1	Color	5 Hazen Unit	15 Hazen Unit	APHA 23 rd Edition 2120 B	02
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	6.7
5	Turbidity	1 NTU	5 NTU	APHA23 rd Edition 2130 B	0.03
6	Total Dissolved Solids mg/L	500 mg/L	2000 mg/L	APHA23 rd Edition 2540 C	64
7	Total Hardness	200 mg./L as CaCO ₃	600 mg./L as CaCO ₃	APHA23 rd Edition 2340 C	52
8	Calcium	75 mg/L as CaCO ₃	200 mg/L as CaCO ₃	APHA23 rd Edition 3500-Ca-B	36
9	Magnesium	30 mg/L as Mg	100 mg/L as Mg	APHA23 rd Edition 3500-Mg	3.8
10	Total Alkalinity	200 mg/L as CaCO ₃	600 mg/L as CaCO ₃	APHA23 rd Edition 2320 B	40
11	Chloride	250 mg/L as Cl	1000 mg/L as Cl	APHA23 rd Edition 4500-Cl-B	39.9
12	Iron	1.0 mg/L as Fe ⁺²	No relaxation	Photometer (Palintest- 7100)	0.08
13	Nitrate	45 mg /L as NO ₄	No relaxation	Photometer (Palintest- 7100)	0.48
14	Fluoride	1.0 mg/L	1.5 mg/L	Photometer (Palintest- 7100)	0.03
15	Ammonia	0.5 mg/L	No relaxation	Ammonia Test Kit	0.0
16	Total Arsenic	0.01 mg /L as As.	0.05 mg/L as As.	Visual Arsenic Detection Kit	BDL

Prepared & Verified by




Authorized Signatory
A. Rolland Kikon
 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 relate 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 items will not be retained for more than 15 days from the date of issue of test report.

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

End of Report