

GOVERNMENT OF MIZORAM
DISTRICT LABORATORY
PUBLIC HEALTHY ENGINEERING DEPARTMENT
SERCHHIP
WATER ANALYSIS REPORT

Sample No
Name of Source
Detailed Location
Type of Source
Sample Collected by
Sample Collected on
Sample received on
Data Analysis
Name of R.D. Block

SCP/2022-23/40
SAINIK TUI LAK
CHHINGCHHIP
SURFACE WATER
PHED STAFF
7.11.2022
9.11.2022
9.11.2022
SERCHHIP

1. **Physical Characteristics**

- 1) pH
- 2) Odour
- 3) Taste
- 4) Colour
- 5) Turbidity (in NTU)
- 6) Electrical Conductivity (in micro mhos/cm)
- 7) Total Dissolved Solids (in mg/l)

Result Analysis	I.S. Specification for drinking IS-10500:1992	Acceptable limit in the absence of alternate source
	Acceptable Limit	
7.20	6.5-8.5	
-	Unobjectionable	
-	Agreeable	
-	Unobjectionable	
less than 0.1	1.0	
94.7-21.3	500.0	
47.2	500.0	

2. **Chemical Characteristics (in mg/l)**

- 1) P-Alkalinity
- 2) M. Alkalinity
- 3) Total Alkalinity
- 4) Total Chloride
- 5) Total Hardness
- 6) Total Iron
- 7) Nitrate (as NO₃)
- 8) Calcium (as Ca)
- 9) Magnesium (as Mg)
- 10) Sulphate (as SO₄)
- 11) Fluoride (as F)
- 12) Arsenic (as As)
- 13) Pesticides

0.0	-	-
20.0	-	-
20.0	200.0	600.0
4.0	250.0	1000.0
50.0	300.0	600.0
0.0	0.3	0.3
0.0	45.0	100.0
8.5	75.0	200.0
7.2	30.0	100.0
0.0	200.0	400.0
0.0	1.0	1.5
0.0	0.001	0.05
0.0	0.0	0.001

3. **Bacteriological Characteristics**

Bacteriological Sample No. Bact/2022-23/ 40 Dt 9.11.2022

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

	3.0	10.0
	0.0	
Absent	0.0	



Analysed by: (R. LALTANPUIA)
(Chemist / Bacteriologist / Analyst)

Principal
Sainik School Chhingchhip

**PERFORMA REGARDING SAFE DRINKING WATER AND
SANITARY CONDITION CERTIFICATE**

No. _____

Date 16 NOV 2022

It is certified that an inspection team headed by Dr. Andrew Labrambiano
Medical Officer, Chhingchhip PHC

Name of Officers with designation) from Chhingchhip PHC
(Name of Department / Office) inspected the

Sainik School Chhingchhip (Name and Address of the school) on
NOV 2022 and found that the water is fit for

drinking, Sainik School Chhingchhip (Name of
School) has safe drinking water facilities for the students and members of staff of the
institution and is maintaining the hygienic sanitation condition in the school building &
campus as per the norms prescribed by the

Central / State / UT Govt.

The above certificate is valid for a period of 1 year

Signature with Seal : Medical Officer
CHHINGCHHIP PHC

Name (Dr. Andrew Labrambiano)

Designation : Medical Officer
Chhingchhip PHC

To

Sainik School Chhingchhip
Sirchhip District
Migoram

(Name & Address of the Institution)



Principal

Sainik School Chhingchhip