



TC-8378

Name & Address of the Customer

**Kendriya Vidyalaya
 School, Thuampui**

Contact :- 8787594499

TEST REPORT

Report No. : LT/LB/2023-24/51
 Report Date : 29.01.2024
 Sample ID : SRI2324808
 Date of Receipt of Sample : 29.01.2024
 Date(s) of Performance : 29.01.2024
 Reference No. & Date :

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)	
3	Name of Sample Collector	Malsawma
4	Date of Sampling of the Customer	29.01.2024
5	Source & Place of Sampling	Kendriya Vidyalaya School, Tui Filter (PHE)
6	Environmental conditions during sampling	None
7	Sampling Plan & Procedure used	None

1. Physical Characteristics :

SN.	Characteristics	B.I.S Specification for drinking IS-10500 : 2012		Method of Test	Results
		Acceptable Limit	Permissible Limit		
1	pH	6.5-8.5	-	APHA-23rd Ed 2017-4500-H ⁺ B	8.24 @ 19.2° C
2	Total Dissolved Solids (in mg/l)	500.0	2000.0	APHA-23rd Ed 2017-2540C	37.50
3	Conductivity (in µmho/cm)	500.0	1500.0	APHA-23rd Ed 2017-2510	75.2 @ 22.5° C

2. Chemical Characteristics (in mg/l) :

SN.	Characteristics	B.I.S Specification for drinking IS-10500 : 2012		Method of Test	Results
		Acceptable Limit	Permissible Limit		
1	Total Alkalinity as CaCO ₃	200.0	600.0	APHA-23rd Ed 2017-2320 Titration Method	36.00
2	Total Chloride	250.0	1000.0	APHA-23rd Ed 2017-4500 Cl ⁻ B Argentometric Method	5.49
3	Total Hardness	300.0	600.0	APHA-23rd Ed 2017-2340C EDTA Method	36.00
4	Iron	1.0	1.0	APHA-23rd Ed 2017-3500Fe-B Phenanthroline Method	0.00

Remarks :- Fit for domestic purpose

For State Referral Institute

Analysed by :
 Name : LALREMTLUANGA
 Designation : Analyst

Signature :
 Name : LALNGAIHAWMA
 Designation : Chief Chemist

Contact Person : Lalngaihawma, Chief Chemist
 State Referral Institute, PHED
 Tel : 0389-2322601, Email : phelaboratory@gmail.com

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

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