


STATE LABORATORY, PHED, GOVT. OF MANIPUR

FF-13
SL/PHED, Manipur
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Lamphelpat - 795004 Email: slabphedmani@gmail.com Name & Address of Customer: SAINIK SCHOOL IMPHAL PANGEI YANGDONG I/E PIN-795114, MANIPUR.		TEST REPORT Report No. SL/PHED/TC76882300000000161 Date of Report - 25-07-2023 Sample ID 15/07 Date of Collection of Sample - 17-07-2023 Duration of Performance - 20-07-2023 to 21-07-2023 Ref. No. SSI/305/QM Date - 15-07-2023	 Certificate No. TC-7688
1	Description of Sample (As declared by customer)	Water	
2	Sample Mark (if any, given by the customer)	NA	
3	Date of Sampling by the Customer	17-07-2023	
4	Source & Place of Sampling	3 Academic & Adm Block	
5	Environmental conditions during sampling	NA	
6	Sampling Plan & Procedures used	NA	
7	Quantity of Water	1 liter in Plastic Jerrican bottle	

We hereby certify that the following sample submitted to the laboratory has been analyzed with the following results

Analysis Results (As per IS10500:2012) Chemical Testing

Sl. No.	Characteristic	Acceptable Limit	Permissible Limit	Method of Test	Results	
					3	4
1	Calcium (as Ca) in mg/l	75	200	APHA 23 rd Edition 3500 - Ca B	2.40	
2	Chloride (as Cl) in mg/l	250	1000	APHA 23 rd Edition 4500-Cl B	14.00	
3	Colour, Hazen units	5	15	APHA-23rd Ed- Method 2120 C. Spectrophotometric Single Wavelength Method	1.00	
4	Electrical Conductivity in µmho/l	-	-	APHA 23 rd Edition 2510 B	46.09	
5	Fluoride in mg/l as F	1.0	1.5	APHA 23 rd Edition 4500-F D	0.37	
6	Iron (as Fe) in mg/l	1.0	No Relaxation	APHA 23 rd Edition 3500-Fe B	0.08	
7	Magnesium (as Mg) in mg/l	30	100	APHA 23 rd Edition 3500 Mg B	1.45	
8	Nitrate (as NO ₃) in mg/l	45	No Relaxation	APHA-23rd Ed- Method 4500 Nitrate B. UV Spectrophotometric Screening Method	1.77	
9	Odour	Agreeable	Agreeable	IS :3025 part 5	Agreeable	
10	pH value at 25°C	6.5-8.5	No Relaxation	APHA 23 rd Edition 4500-H B	6.55	
11	Sulphate (as SO ₄) in mg/l	200	400	APHA 23 rd Edition 4500-SO ₄ E	5.00	
12	Taste	Agreeable	Agreeable	IS:3025(PART 8)	Agreeable	
13	Total Alkalinity in mg/l as CaCO ₃	200	600	APHA 23 rd Edition 2320 B	14.00	
14	Total Dissolved Solids in mg/l	500	2000	APHA 23 rd Edition 2540 C	24.48	
15	Total Hardness in mg/l as CaCO ₃	200	600	APHA 23 rd Edition 2340 C	12.00	
16	Turbidity in N.T.U	1	5	APHA 23 rd Edition 2130 B	1.00	

The results relate only to the item(s) tested

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Verified by: - A. Puja Devi

Signature: *A. Puja*
Designation: *25/07/23*
Microbiologist



Shingh *25/7/23*
Authorized signatory:
Name: - A. Shyamkesho Singh
Designation: - Chemist
State Laboratory Lamphelpat, PHED Manipur

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