IMPHAL EAST DISTRICT LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
GOVERNMENT OF MANIPUR
imphaleast5@gmail.com

FF-13
IEDL/PHED, Manipur
Page No. 1/1

IMPHAL EAST DISTRICT LABORATORY ★ PHED, IMPHAL EAST DIVISION ★

Name & Address of Company & Customer:	TEST REPORT	
NORTH POINT HIGHER SECONDARY SCHOOL Principal :- Y.PRIYOKUMAR SINGH	Report No. IEDL/PHED/443/6	Certificate TC-14534
	Date of Tested : 13.06.2025	
	Sample ID: 443/6	
	Date of Collection of Sample: 13.06.2025	
	Date of report: - 16.06.2025	

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	13.06.2025
4	Source & Place of Sampling	TAP WATER
5	Type of Water	TREATED WATER
6	Sampling Plan &Procedures used	NA
7	Quantity of Water	2 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 & Bacterogical Testing

Sl. no	Characteristic	Acceptable Limit	Permissible Limit	Method of Test	Results			
					1	2		
1	Chloride (as Cl) in mg/l	250	1000	APHA 24th Edition4500-Cl^- B	34.00			
2	Total Dissolved Solids in mg/l	500	2000	APHA 24th Edition 2540 C	114.53			
3	Total Alkalinity in mg/l as $CaCO_3$	200	600	APHA 24th Edition 2320 B	46.00			
4	Calcium (as Ca) in mg/l	75	200	APHA 24th Edition 3500 – Ca B	20.00			
5	Magnesium (as Mg) in mg/l	30	100	APHA 24th Edition 3500 Mg B	9.23			
6	pH value at 25°C	6.5-8.5	No Relaxation	APHA 24th Edition 4500-H^+B	7.65			
7	Turbidity in N.T. U	1	5	APHA 24th Edition 2130 B	0.54			
8	Total Hardness in mg/l as $CaCO_3$	200	600	APHA 24th Edition 2340 C	88.00			
9	***Bacteroligical**	0	0	H_2S Strip Method	NIL			
10	***Iron (as Fe) in mg/l**	**1.0**	**No Relaxation**	**APHA 24th Edition 3500-Fe B**	0.23			
11	***Fluoride in mg/l as F**	**1.0**	**1.5**	**APHA 24th Edition 4500-F^- D**	0.10			
12	*** Sulphate (as SO_4) in mg/l**	**200**	**400**	**APHA 24th Edition4500-SO_4^{2-} E**	10.00			
13	***Electrical Conductivity in µmho/l**	-	-	**APHA 24th Edition 2510 B**	176.20			

The results relate only to the item(s) tested.
This Test Report shall not be reproduced except in full, without the permission of IED Laboratory, PHED, Manipur. The reserved part of sample(s) shall be retained for 30days from the date of Completion of Test.
* Mark parameters are not in the scope of NABL.

Prepared by: - Ok.Nanao Singh
Ok. Nanao Singh
Designation : Jr .chemist

Brojen Th.
Authorized signatory:
Name: - Brojen Thokchom
Designation: - Executive Engineer
(As Quality Manager)
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Executive Engineer
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NORTH POINT HIGHER SECONDARY SCHOOL Principal :- Y.PRIYOKUMAR SINGH	Report No. IEDL/PHED/444/6	
	Date of Tested : 13.06.2025	
	Sample ID: 444/6	
	Date of Collection of Sample: 13.06.2025	
	Date of report: - 16.06.2025	Certificate TC-14534

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	13.06.2025
4	Source & Place of Sampling	TOILET WATER(TAP)
5	Type of Water	TREATED WATER
6	Sampling Plan &Procedures used	NA
7	Quantity of Water	2 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 & Bacterogical Testing

Sl. no	Characteristic	Acceptable Limit	Permissible Limit	Method of Test	Results			
					1	2		
1	Chloride (as Cl) in mg/l	250	1000	APHA 24th Edition4500-Cl⁻B	32.00			
2	Total Dissolved Solids in mg/l	500	2000	APHA 24th Edition 2540 C	110.00			
3	Total Alkalinity in mg/l as $CaCO_3$	200	600	APHA 24th Edition 2320 B	48.00			
4	Calcium (as Ca) in mg/l	75	200	APHA 24th Edition 3500 – Ca B	19.20			
5	Magnesium (as Mg) in mg/l	30	100	APHA 24th Edition 3500 Mg B	10.21			
6	pH value at 25°C	6.5-8.5	No Relaxation	APHA 24th Edition 4500-H⁺B	7.68			
7	Turbidity in N.T. U	1	5	APHA 24th Edition 2130 B	0.59			
8	Total Hardness in mg/l as $CaCO_3$	200	600	APHA 24th Edition 2340 C	90.00			
9	***Bacteroligical**	0	0	H_2S Strip Method	---			
10	***Iron (as Fe) in mg/l**	**1.0**	**No Relaxation**	**APHA 24th Edition 3500-Fe B**	0.22			
11	***Fluoride in mg/l as F**	**1.0**	**1.5**	**APHA 24th Edition 4500-F⁻D**	0.11			
12	***Sulphate (as SO_4) in mg/l**	**200**	**400**	**APHA 24th Edition4500-SO_4^{2-} E**	12.00			
13	***Electrical Conductivity in µmho/l**	-	-	**APHA 24th Edition 2510 B**	176.20			

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