



Regional Laboratory, PHED, Patna
PANITANKI CAMPUS, SHASTRINAGAR, PATNA-800023



DOC NO : PTN /SAMP/05/00

TEST REPORT

ULR No.: TC/14558/25/0/00000 212

Name & Address Of the Customer : Little Flowers School Paliganj Chandhos Road Patna Bihar -801110	Report No.	PTN/W/25-26/R/ 212
	Date of Reporting	24.02.2026
	Sample No.	PTN/W/25-26/212
	Sample Description	Tap Water
	Sample Mark/ Location	Little Flowers School,Paliganj
	Sample Submitted in Lab On	19.02.2026
	Sample Collected & Submitted by	Navin Kumar
	Date of Completion of Test	23.02.2026
	Ref No. Date	LFS /12ENEW/15/2026 dated-18/02/2026

Analysis Result

Sl. No.	Test Parameter	Test Method	IS 10500:2012 Amd. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Colour (HU)	IS 3025 (Part 4) : 2021	5	15	<5
2	Odour	IS 3025 (Part 5) : 2018	Agreeable	NR	Agreeable
3	Taste	IS 3025 (Part 8) : 2023	Agreeable	NR	Agreeable
4	pH at 25 °C	IS 3025(Part 11) : 2022	6.5	8.5	7.56
5	Turbidity (NTU)	IS 3025(Part 10) : 2023	1	5	<1
6	Total Dissolved Solid (mg/l)	IS 3025(Part 16) : 2023	500	2000	224
7	Total Hardness (mg/l)	IS 3025(Part 21) : 2023	200	600	169.7
8	Calcium (mg/l)	IS 3025(Part 40) : 2024	75	200	35.6
9	Magnesium (mg/l)	APHA 24th Edition-3500-Mg Method B : 2023	30	100	19.6
10	Chloride (mg/l)	IS 3025(Part 32) : 2025	250	1000	18.1
11	Total Alkalinity (mg/l)	IS 3025(Part 23) : 2023	200	600	162.4
12	Fluoride as F (mg/l)	APHA 24th Edition-4500-F Method C : 2023	1.0	1.5	0.44
13	Arsenic as As (mg/l)	APHA 24th Edition-3500-As Method B : 2023	0.01	NR	<0.01
14	Iron (mg/l)	APHA 24th Edition -3500-Fe Method B : 2023	1.00	NR	<0.10

Remarks: NR- No Relaxation

****End Of Report****

Disclaimer:

- The result relates only to the item(s) tested.
- The report shall not be reproduced except in full, without approval of the laboratory.
- The reserved part of water sample(s) shall be retained for 15 days from the date of issue of the report.
- The results apply to the sample as received.

For Regional Laboratory, PHED, Patna
Reviewed & Authorized By

Shobha Kumari

Name :Mrs. Shobha Kumari
(Authorized Signatory)
Technical Manager
Regional Laboratory,
PHED, Patna