



Govt. of Bihar
District Water Testing Laboratory
PHED, Siwan
TEST REPORT

DOC NO : SWN /SAMP/05/00

Name & Address Of the Customer : SUFIA PUBLIC SCHOOL S.K.G SUGAR MILL BYPASS ROAD SIWAN Block: SIWAN SADAR Panchayat: NAGAR PARISAD SIWAN	Report No.	SWN/W/24-25/R/ 66
	Date of Reporting	30.01.2025
	Sample No.	SWN/W/24-25/66
	Sample Description	Drinking Water
	Sample Mark/ Location	
	Sample Submitted in Lab On	29.01.2025
	Sampling Plan & Method	IS 17614 (Part 1): 2021
	Date of Completion of Test	30.01.2025
	Ref No. Date	

Analysis Result

Sl. No.	Test Parameter	Test Method	IS 10500:2012Amd. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Colour (HU)	IS 3025 (Part 4) : 2021	5	15	<5
2	Odour	IS 3025 (Part 5) : 2022	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	6.76
5	Turbidity (NTU)	IS 3025(Part 10) : 2023	1	5	<1
6	TDS (mg/l)	IS 3025(Part 16) : 2023	500	2000	257
7	Total Hardness (mg/l)	IS 3025(Part 21) : 2023	200	600	110.20
8	Calcium (mg/l)	IS 3025(Part 40) : 2023	75	200	28.88
9	Magnesium (mg/l)	APHA 24th Addition-3500-Mg Method B : 2023	30	100	9.12
10	Chloride (mg/l)	IS 3025(Part 32) : 2019	250	1000	33.990
11	Total Alkalinity (mg/l)	IS 3025(Part 23) : 2023	200	600	100.94
12	Iron (mg/l)	APHA 24th Edition -3500-Fe Method B : 2023	1.00	NR	0.178

****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 District Water Testing Laboratory, PHED, Siwan
Reviewed & Authorized By



05/02/25
Name :Mr. Brihaspati Yadav
(Authorized Signatory)