



TC-13003

District Level Water Analysis Laboratory

Uttar Pradesh Jal Nigam (Rural), Deoria
Add.- M2, 1st Construction Division, Bhujauli Colony, Deoria 274001

Test Report

Report No WTD/009/MAY(25-26) Date 31.05.2025 Page No 01/01

Customer Details

Office Name and Address ST. XAVIER'S SCHOOL, BHATPAR RANI, DEORIA
Ref Letter No & Date MANAGER, LETTER NO- 345/2024-25 DATED 30.05.2025

Basic details of sample

District DEORIA Block BHATPAR RANI
Gram Panchayat BARAIPAR BABU Village BARAIPAR BABU
Habitation BARAIPAR BABU Location PHULWARIYA ROAD
Water Source BOREWELL WQMIS Id -
Quantity of Sample 1000 ml Date of S.C. 30.05.2025
Receiving Date 30.05.2025 S. Collector SCHOOL AUTHORITY
Sample Depositor MR RAKESH MISHRA
Analysis Start Date 30.05.2025 Analysis Completion Date 31.05.2025

Temperature- 25±3°C

Relative Humidity- 50±15%

Technical Data of Analysis

S. No.	Analysed Parameters (Unit of Measurement)	Observed Value	Specified Values as per BIS 10500:2012		Ref. Method of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) : 2023
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018
3	pH	7.45	6.5	8.5	IS 3025(Part 11): 2022
4	Turbidity (NTU)	0.25	1.0	5.0	IS 3025(Part 10): 2022
5	TDS (mg/l)	340	500	2000	IS 3025(Part 16): 2023
6	Total Alkalinity (mg/l)	252	200	600	IS 3025(Part 23): 2023
7	Total Hardness (mg/l)	236	200	600	IS 3025(Part 21): 2019
8	Calcium (mg/l)	41.6	75	200	IS 3025(Part 40): 2024
9	Magnesium (mg/l)	32.07	30	100	IS 3025(Part 46): 2023
10	Chloride (mg/l)	13.3	250	1000	IS 3025(Part 32): 2019
11	Fluoride (mg/l)	0.38	1.0	1.5	APHA 24 TH Edition 4500-F Method-C (Electrode Method)
12	Nitrate (mg/l)	BDL (0.05<0.1)	45	No relaxation	APHA 24 TH Edition -NO ₃ Method D(UV screening Method)
13	Sulphate (mg/l)	6.99	200	400	APHA 24 TH Edition 4500-SO ₄ Method E(Turbiditometric Method)
14	Iron (mg/l)	0.23	1.0	No relaxation	APHA 24 TH Edition - 3500-Fe Method B(Phenanthroline Method)

#BDL- Below Detection Limit, NA- Not Applicable.

** Parameter(s) above permissible limit are in bold digits.

- Note
1. This Certificate refers only to the particular sample(s) submitted for testing.
 2. This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from Head of Laboratory.
 3. The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
 4. Sample will be stored up to 07 days (in case of non perishable items only) from the date of issue of test reports unless otherwise specified.

Tested By

Email id- labdeoria@gmail.com

Reviewed By

CHEMIST

RAGHVENDRA K MISHRA
DISTRICT LEVEL WATER ANALYSIS
LABORATORY, U.P. JAL NIGAM RURAL,
DEORIA (U.P.)

SONAL MISHRA (QUALITY MANAGER)

Authorized Signatory

Contact No- 790541804

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

Principal
St. Xavier's School
Bhatpar Rani, Deoria

Manager
St. Xavier's School
Bhatpar Rani, Deoria