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/061/MAY (26-27)	Date of Reporting	25.05.2026	Page No	01/01

Customer Details

Office Name and Address	L.B.R PUBLIC SCHOOL , JOT KHAJUA, RUDRAPUR,DEORIA
Ref Letter No & Date	L.B.R./C-41/26-27 DATED: 23.05.2026

Basic details of sample

District	DEORIA	Block	BAITALPUR
Gram Panchayat	MEDINAPUR	Village	JOT KHAJUHA
Habitation	JOT KHAJUHA	Location	JOT KHAJUHA, PIDRA ROAD, RUDRAPUR
Water Source	TUBEWELL	WQMIS Id	--
Quantity of Sample	1000 ml	Sampling Date	23.05.2026
Receiving Date	23.05.2026	S. Collected By	SCHOOL AUTHORITY
Sampling Method Used	NA	Sample Depositor	SCHOOL AUTHORITY
Analysis Start Date	23.05.2026	Analysis Completion Date	25.05.2026
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	7.54	6.5-8.5	No relaxation	IS 3025(Part 11): 2022,Electrometric Method
4	Turbidity (NTU)	0.10	1.0	5.0	IS 3025(Part 10): 2022,Nephelometric Method
5	TDS (mg/l)	378	500	2000	IS 3025(Part 16): 2023,Gravimetric Method
6	Total Alkalinity (mg/l)	240	200	600	IS 3025(Part 23): 2023,Potentiometric & indicator Method
7	Total Hardness (mg/l)	220	200	600	IS 3025(Part 21): 2019, EDTA Titrimetric Method
8	Calcium (mg/l)	70.4	75	200	IS 3025(Part 40): 2024, EDTA Titrimetric Method
9	Magnesium (mg/l)	10.69	30	100	IS 3025(Part 46): 2023, Volumetric Method
10	Chloride (mg/l)	17.37	250	1000	IS 3025(Part 32): 2019, Argentometric Method
11	Fluoride (mg/l)	0.29	1.0	1.5	\APHA 24TH Edition 4500-F Method-C (Ion –selective Electrode Method)
12	Nitrate (mg/l)	6.12	45	No relaxation	APHA 24TH Edition -NO_3 Method D(UV screening Method)
13	Sulphate (mg/l)	19.72	200	400	APHA 24TH Edition 4500-SO_4 Method E(Turbidimetric Method)
14	Iron (mg/l)	BDL (0.05<0.1)	1.0	No relaxation	APHA 24TH Edition - 3500-Fe Method B(Phenanthrolin 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.
5. Sample is not collected by Lab.

RAGHVENDRA K MISHRA(T.M.) — Technical Manager RAGHVENDRA K MISHRA(T.M.)

District Level Water Analysis Laboratory * UPJN, Deoria *

Report Prepared By | Report Reviewed By | Authorized Signatory

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

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Uttar Pradesh Jal Nigam (Rural), Deoria

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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	Conductivity (µS/cm)	694.8	-	-	IS 3025(Part 14):2017
2	Colour (Hazen)	NA	5	15	APHA 24th 2120 COLOUR METHOD B: 2023
3	Total Arsenic (mg/l)	NA	0.01	0.05	APHA 24th Edition- 3500-As Method B(SDDC Method) 2023
4	Residual Chlorine	0.2	0.2	1.00	IS 3025(Part 26): 2021
5	Total Coliform(CFU)	00	No relaxation	--	APHA 24th Edition :2023
6	E .Coli(CFU)	00	No relaxation	--	APHA 24th Edition :2023

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