



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/003/APRIL (26-27)	Date of Reporting	04.04.2026	Page No	01/01
Customer Details					
Office Name and Address	CAMBRIDGE INTERNATIONAL SCHOOL, MAIL CHAURAH, DEORIA				
Ref Letter No & Date	CIS/377/2026 DATED 02.04.2026				
Basic details of sample					
District	DEORIA	Block	BHAGALPUR		
Gram Panchayat	BAGAH	Village	BAGAH		
Habitation	BAGAH	Location	NEAR, MAIL CHAURAH		
Water Source	R.O.	WQMIS Id	--		
Quantity of Sample	1000 ml	Sampling Date	02.04.2026		
Receiving Date	02.04.2026	S. Collected By	MR.VIRENDRA K. CHAUDHARY		
Sampling Method Used	NA	Sample Depositor	MR.VIRENDRA K. CHAUDHARY		
Analysis Start Date	02.04.2026	Analysis Completion Date	04.04.2026		
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	7.26	6.5-8.5	No relaxation	IS 3025(Part 11): 2022,Electrometric Method
4	Turbidity (NTU)	0.36	1.0	5.0	IS 3025(Part 10): 2022,Nephelometric Method
5	TDS (mg/l)	94	500	2000	IS 3025(Part 16): 2023,Gravimetric Method
6	Total Alkalinity (mg/l)	40	200	600	IS 3025(Part 23): 2023,Potentiometric & indicator Method
7	Total Hardness (mg/l)	40	200	600	IS 3025(Part 21): 2019, EDTA Titrimetric Method
8	Calcium (mg/l)	9.60	75	200	IS 3025(Part 40): 2024, EDTA Titrimetric Method
9	Magnesium (mg/l)	3.88	30	100	IS 3025(Part 46): 2023, Volumetric Method
10	Chloride (mg/l)	17.1	250	1000	IS 3025(Part 32): 2019, Argentometric Method
11	Fluoride (mg/l)	BDL (0.09<0.1)	1.0	1.5	APHA 24 TH Edition 4500-F Method-C (Ion-selective 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)	2.03	200	400	APHA 24 TH Edition 4500-SO ₄ Method E(Turbidimetric Method)
14	Iron (mg/l)	0.16	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.
5. Sample is not collected by Lab.



RAGHVENDRA K MISHRA(T.M.)

Report Prepared By

Email id- labdeoria@gmail.com



SONAL MISHRA(QUALITY MANAGER)

Report Reviewed By

Authorized Signatory

Contact No-7905141804

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



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Gram Panchayat	BAGAH	Village	BAGAH		
Habitation	BAGAH	Location	NEAR, MAIL CHAURAH		
Water Source	R.O.	WQMIS Id	--		
Quantity of Sample	500 ml	Sampling Date	02.04.2026		
Receiving Date	02.04.2026	S. Collected By	MR.VIRENDRA K. CHAUDHARY		
Sampling Method Used	NA	Sample Depositor	MR.VIRENDRA K. CHAUDHARY		
Analysis Start Date	02.04.2026	Analysis Completion Date	04.04.2026		
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	Conductivity* (µS/cm)	145.5	-	-	IS 3025(Part 14):2017
2	Colour (Hazen)	NA	5	15	APHA 24 th 2120 COLOUR METHOD B: 2023
3	Total Arsenic (mg/l)	00	0.01	0.05	APHA 24 th Edition- 3500-As Method B(SDDC Method) 2023
4	Residual Chlorine	NA	0.2	1.00	IS 3025(Part 11): 2022,Electrometric Method
5	Total Coliform(CFU)	00	No relaxation	--	APHA 24 th Edition :2023
6	E.Coli(CFU)	00	No relaxation	--	APHA 24 th Edition :2023
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SANJIV KUMAR(DEO)		RAGHVENDRA K MISHRA(T.M.)		SONAL MISHRA(QUALITY MANAGER)	
Report Prepared By		Report Reviewed By		Authorized Signatory	
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