



District Level Water Analysis Laboratory, U.P. Jal Nigam (Rural) Barabanki

Office of Executive Engineer, Construction division, U.P Jal Nigam,
Awass Vikas colony, Yogashram road, Barabanki. Pin- 225001



TC-12830

TEST REPORT(WATER)

Format No. – 7.4 F-01

No. 25	Chemical Test/25-26(4401)	Date	01-08-2025	S. No. 25	Page No.	1	Page 1/1
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Customer Details

Name and Address	Adhunik Innovative Millenium School Jethauti Rajpootan Dariyabad Barabanki
Order No. & Date	0 & 29-07-2025

Details of Sample

Location	Barabanki	Tehsil / Block	Dariyabad
Sub Location	Jethauti Rajpootan	Village	Jethauti Rajpootan
Source of Sample	-	Location	Dariyabad Road Barabanki
Type of Sample	Submersible(Water)	Sample No.	WQPS4401
Use of Sample	Drinking Water	Date of S.C.	29-07-2025
Sampling Date	29-07-2025	Sampling Done By	Santosh Kumar
Depositor	Santosh Kumar		
Testing Method	IS 17614(Part 1) : 2021 ISO5667-1:2020		
Test Start Date	30-07-2025	Analysis Completion Date	31-07-2025
Report Release Date	01-08-2025		

Water Analysis Data

Analysed Parameters	Unit of Measurement	Observed Value	Specified Values as per IS 10500:2012		Ref. Method of Analysis
			Acceptable Limit	Permissible Limit in absence of alternate source	
2	3	4	5	6	7
Water Temp @25°C	NA	7.63	6.5-8.5	6.5-8.5	IS 3025 (Part 11):2022 (Electro. Method)
Turbidity	NTU	1.01	1.00	5.00	IS 3025 (Part 10):2023
Total Dissolved Solids(TDS)	mg/L	280	500	2000	IS 3025(Part 16):2023
Chloride (as Cl)	mg/L	14	250	1000	IS 3025(Part 32):2019 (Argentometric Method)
Total Alkalinity (as CaCO ₃)	mg/L	220	200	600	IS 3025(Part 23):2023
Total Hardness (as CaCO ₃)	mg/L	260	200	600	IS 3025(Part 21):2019
Sulphate (as SO ₄)	mg/L	5.28	200	400	APHA 24th Edition 4500-SO ₄ Method E
Nitrate (as NO ₃)	mg/L	ND	45	45	APHA 24th Edition 4500-NO ₃ :2023
Fluoride (as Fe)	mg/L	0.028	1.00	1.50	APHA 24th Edition-4500-F Method C :2023
Iron (as Fe)	mg/L	ND	1.00	1.00	APHA 24th Edition 3500 – Fe Method B :2023
Calcium (as Ca ⁺⁺)	mg/L	44.88	75	200	IS 3025 (Part 40):2023 (Titrimetric Method)
Magnesium (as Mg ⁺⁺)	mg/L	35.96	30	100	IS 3025 (Part 46):2023
Colour	Hazen	1	5	15	IS 3025 (Part 4):2021

This Certificate refers only to the particular sample(s) Submitted for testing.

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.

The test results reported in this certificate are valid at the time of and under the stated condition of measurements.

Sample will be stored up to 07 Days (In case of non-perishable items only) from the date of issue of tests report unless otherwise specified.

NDL: Below Detection Limit.

NA: Not Applicable.

Prepared/Review By

Santosh Kumar

Technician

Authorized By

Technical Manager

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End of the Report