



Regional Water Testing Laboratory (Uttar Pradesh Jal Nigam, Gorakhpur)

Address: EWS 388,389,390 Rapti Nagar Phase-1, Medical Road,
Gorakhpur(U.P)-273003



TC-12931

CHEMICAL SAMPLE TEST REPORT

Rept. No 18/Camp/Lab-1 Date: 21/05/2025 Page No 1

Customer Details

Office Name and Address Udai Public School Gaur Duhawa, Basti

Ref Letter No & Date 14/05/2025

Basic details of sample

District	Basti	Block	--
Gram Panchayat	--	Village	--
Habitation	--	Location	Udai Public School Gaur Duhawa, Basti
Water Source	R.O	Sample Code	51634 (C/25/05/14)
Quantity of Sample	1000ml	Date of S.C.	14/05/2025
Receiving Date	15/05/2025	S. Collector	Mukesh Kumar
Sample Depositor	Mukesh Kumar		
Analysis Start Date	19/05/2025	Analysis Completion Date	19/05/2025

Environmental Condition

Temperature	27.5 °C	Relative Humidity	59%
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Technical Data of Analysis

Sr. No	Analyzed parameters (Unit of Measurement)	Observed Value	Unit	Specified Values as per BIS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	Odour	Agreeable				IS 3025 (Part 5):2018
2	Turbidity	0.21	NTU	1	5	IS 3025 (Part 10):2023
3	pH (25°C)	7.21	--	6.5-8.5	No relaxation	IS 3025 (Part 11):2022
4	Total Dissolved Solids	98	mg/L	500	2000	IS 3025 (Part 16):2023
5	Total Hardness	102	mg/L	200	600	IS 3025 (part 21):2023
6	Total alkalinity	72	mg/L	200	600	IS 3025(Part 23):2023
7	Chloride as Cl ⁻	38	mg/L	250	1000	IS 3025(Part 32):2003
8	Calcium	24	mg/L	75	200	IS 3025(Part 40): 2024
9	Magnesium	10.714	mg/L	30	100	IS 3025(Part 46): 2023
10	Sulphate	6.170	mg/L	200	400	APHA 24th Edition 4500-SO ₄ Method E Turbidimetric Method 2023
11	Nitrate	0.802	mg/L	45	No relaxation	APHA 24th Edition 4500-NO ₃ Method B UV Screening Method 2023
12	Iron	0.136	mg/L	1	No relaxation	APHA 24th Edition 3500-Fe Method B Phenanthroline Methods 2023
13	Fluoride	0.081	mg/L	1.0	1.5	APHA 24th Edition 4500-F Method C (Electrode Method):202300
14	Conductivity	--	(Ms/cm)	NA	NA	IS:3025(Part 10):2017
15	Arsenic	BDL	mg/L	0.01	No Relaxation	APHA 24th Edition 3500 Method B (Silver Diethyldithiocarbamate Method)

#BDL- Below Detection Limit, NA- Not Analyzed

** 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.
 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 7 days (in case of non perishable items only) from the date of issue of tests reports unless.
 5. Sample not collected by the laboratory.

Vishal Anand
Review By

Ankita
PRINCIPAL
UDAI PUBLIC SCHOOL
GAUR-BHANPUR ROAD
DUHWA, BASTI-272163

Assistant Engineer
4th Division, C.P. Jal Nigam
Gorakhpur
Authorized Signatory

Laboratory Contact details: Email-lab@gorakhpur.nigam.org@gmail.com 272163

Contact - +91 8604561988

End of Report

MANAGER
UDAI PUBLIC SCHOOL
GAUR-BHANPUR ROAD
DUHWA, BASTI-272163



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BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No. 18/Camp/Lab-1 Date: 21/05/2025 Page No. 1/1

Customer Details

Office Name and Address

Ref Letter No & Date 14/05/2025

Basic details of sample

District Basti Block --

Gram Panchayat -- Village --

Habitation -- Location Uda Public School Gaur Duhawa, Basti

Water Source R.O Sample Code 51634 (C/25/05/14)

Quantity of Sample 500ml Date of S.C. 14/05/2025

Receiving Date 15/05/2025 S. Collector Mukesh Kumar

Sample Depositor Mukesh Kumar

Analysis Start Date 19/05/2025 Analysis Completion Date 21/05/2025

Technical Data of Analysis

Sr. No	Analyzed parameters (Unit of Measurement)	Observed Value	Unit	Specified Values as per BIS		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	pH (25°C ± 2°C)	7.21		6.5-8.5	No relaxation	IS 3025 (Part 11):2017
2	Residual Chlorine	0	mg/L	0.2	1.0	IS 3025 (PART 26) : 1986
3	Total Coliform	0	CFU	0	CFU	APHA 23 rd Edition :2017
4	E.Coli	0	CFU	0	CFU	APHA 23 rd Edition :2017

Result : Satisfactory

Remark: Potable

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Analysed By



Authorized Signatory

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-----End of the Report-----

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