



# 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 **410/Camp/Lab-1** Date: 12/08/2025 Page No

### Customer Details

Office Name and Address  
Ref Letter No & Date 12/08/2025

### Basic details of sample

District	Siddharthnagar	Block	--
Gram Panchayat	--	Village	--
Habitation	--	Location	Guru Gorakshnath Gyansthal Domariaganj, Siddharthnagar
Water Source	R.O	Sample Code	<b>51660</b>
Quantity of Sample	1000ml	Date of S.C.	12/08/2025
Receiving Date	11/08 /2025	S. Collector	Mukesh Kumar
Sample Depositor	Mukesh Kumar		
Analysis Start Date	12/08/2025	Analysis Completion Date	12/08/2025

### Environmental Condition

Temperature 27.5 °C Relative Humidity 59%

### 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 <sup>-</sup>	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 <sub>4</sub> Method E Turbidimetric Method 2023
11	Nitrate	0.802	mg/L	45	No relaxation	APHA 24th Edition 4500-NO <sub>3</sub> 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.

*Vimal Anand*  
Review By

*Asstt Engineer*  
Division, U.P. Jal Nigam  
GORAKHPUR  
Authorized Signatory

Laboratory Contact details: Email-labgorakhpur@gmail.com

Contact - +91 8604561988

End of Report



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## BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No 410/Camp/Lab-1 Date: 12/08/2025 Page No |1/1

### Customer Details

Office Name and Address

Ref Letter No & Date

12/08/2025

### Basic details of sample

District	Siddharthnagar	Block 60	--
Gram Panchayat	--	Village	--
Habitation	--	Location	Guru Gorakshnath Gyansthal Domariaganj, Siddharthnagar
Water Source	R.O	Sample Code	51660
Quantity of Sample	500ml	Date of S.C.	12/08/2025
Receiving Date	11/08 /2025	S. Collector	Mukesh Kumar
Sample Depositor	Mukesh Kumar		
Analysis Start Date	12/08/2025	Analysis Completion Date	12/08/2025

### 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 <sup>rd</sup> Edition :2017
4	E .Coli	0	CFU	0	CFU	APHA 23 <sup>rd</sup> Edition :2017

Result : Satisfactory

Remark: Potable

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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.



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