



# 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 56/camp/lab-1 Date: 20/05/2025 Page No \_\_\_\_\_

### Customer Details

Office Name and Address Purvanchal Public School, Mansa Vihar Colony Padri Bazar Gorakhpur  
Ref Letter No & Date \_\_\_\_\_ 15/05/2025

### Basic details of sample

District	Gorakhpur	Block	--
Gram Panchayat	--	Village	--
Habitation	--	Location	Purvanchal Public School, Mansa Vihar Colony Padri Bazar Gorakhpur
Water Source	Submersible	Sample Code	(C/25/05/280)
Quantity of Sample	1000ml	Date of S.C.	15/05/2025
Receiving Date	15/05/2025	S. Collector	Vyas Prasad
Sample Depositor	Vyas Prasad		
Analysis Start Date	16/05/2025	Analysis Completion Date	16/05/2025

### Environmental Condition

Temperature 27.2°C Relative Humidity \_\_\_\_\_ 57%

### 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	0.62	NTU	1	5	IS 3025 (Part 10):2023
3	pH ( 25°C)	7.93	--	6.5-8.5	No relaxation	IS 3025 (Part 11):2022
4	Total Dissolved Solids	234	mg/L	500	2000	IS 3025 (Part 16) :2023
5	Total Hardness	186	mg/L	200	600	IS 3025 (part 21) :2023
6	Total alkalinity	140	mg/L	200	600	IS 3025( Part 23):2023
7	Chloride as Cl <sup>-</sup>	36	mg/L	250	1000	IS 3025(Part 32);2003
8	Calcium	72.32	mg/L	75	200	IS 3025(Part 40): 2024
9	Magnesium	28.44	mg/L	30	100	IS 3025(Part 46): 2023
10	Sulphate	9.190	mg/L	200	400	APHA 24th Edition 4500-SO <sub>4</sub> Method E Turbidimetric Method 2023
11	Nitrate	1.967	mg/L	45	No relaxation	APHA 24th Edition 4500-NO <sub>3</sub> Method B UV Screening Method 2023
12	Iron	0.212	mg/L	1	No relaxation	APHA 24th Edition 3500-Fe Method B Phenanthroline Methods 2023
13	Fluoride	0.544	mg/L	1.0	1.5	APHA 24th Edition 4500-F Method C ( Electrode Method) :202300
14	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

Pandey  
Authorized Signatory  
Assistant Engineer

Laboratory Contact details: Email-labgorakhpur@gmail.com

10th Division, U.P. Jal Nigam  
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End of Report



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

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

### BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No	561 camp/lab-1	Date:	20/05/2025	Page No	1/1	
<b>Customer Details</b>						
Office Name and Address	Purvanchal Public School, Mansa Vihar Colony Padri Bazar Gorakhpur					
Ref Letter No & Date	15/05/2025					
<b>Basic details of sample</b>						
District	Gorakhpur	Block	--			
Gram Panchayat	--	Village	--			
Habitation	--	Location	Purvanchal Public School, Mansa Vihar Colony Padri Bazar Gorakhpur			
Water Source	Submersible	Sample Code	(C/25/05/280)			
Quantity of Sample	1000ml	Date of S.C.	15/05/2025			
Receiving Date	15/05/2025	S. Collector	Vyas Prasad			
Sample Depositor	Vyas Prasad					
Analysis Start Date	16/05/2025	Analysis Completion Date	18/05/2025			
<b>Technical Data of Analysis</b>						
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 )	7.93		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
<b>Result : Satisfactory</b>			<b>Remark: Potable</b>			
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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.						
Analysed By <i>Sandhya Kumari</i>			Authorized Signatory <i>Sandhya Kumari</i> District Water Testing Laboratory Gorakhpur Analyst			
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-----End of the Report-----