



# 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 1417 Camp 1 Date: 21/06/2025 Page No     

### Customer Details

Office Name and Address       
Ref Letter No & Date      14/06/2025

### Basic details of sample

District	Gorakhpur	Block	--
Gram Panchayat	--	Village	--
Habitation	--	Location	Mount Ad.Public School,Dodo Khajni ,Gorakhpur
Water Source	R.O	Sample Code	51635
Quantity of Sample	1000ml	Date of S.C.	14/06/2025
Receiving Date	15/06/2025	S. Collector	Mukesh Kumar
Sample Depositor	Mukesh Kumar		
Analysis Start Date	19/06/2025	Analysis Completion Date	20/06/2025

### 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.

Review By Vishal Anand  
Principal

Authorized Signatory  
10th Division, U.P. Jal Nigam  
GORAKHPUR

Laboratory Contact details: Email- labgorakhpur@gmail.com  
Dodo Khajani, Gorakhpur

Mount A.D. Public School  
Contact - +91 8604561988  
Dodo Khajani, Gorakhpur

End of Report



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## BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No	217 Camp -1	Date:	21/06/2025	Page No	1/1
<b>Customer Details</b>					
Office Name and Address					
Ref Letter No & Date		14/06/2025			
<b>Basic details of sample</b>					
District	Gorakhpur	Block	-		
Gram Panchayat	-	Village	-		
Habitation	-	Location	Mount Ad.Public School,Dodo Khajni ,Gorakhpur		
Water Source	R.O	Sample Code	51635		
Quantity of Sample	500ml	Date of S.C.	14/06/2025		
Receiving Date	15/06/2025	S. Collector	Mukesh Kumar		
Sample Depositor	Mukesh Kumar				
Analysis Start Date	19/06/2025	Analysis Completion Date	21/06/2025		

### 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.



**Analysed By**



**Authorized Signatory**

Laboratory Contact details: Email-labgorakhpur@gmail.com

Contact - +91 8604561988

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

*Bohla*  
**Principal**  
Mount A.D. Public School  
Dondo Khajani, Gorakhpur

*Manoj Kumar*  
**Manager**  
Mount A.D. Public School  
Dondo Khajani, Gorakhpur