



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	09/camp/lab-1	Date:	08/04/2025	Page No	1/1
Customer Details					
Office Name and Address					
Ref Letter No & Date	02/04/2025				
Basic details of sample					
District	Maharajganj	Block	--		
Gram Panchayat	--	Village	--		
Habitation	--	Location	ST. Joseph's School Nichlaur Maharajganj		
Water Source	R.O	Sample Code	51623		
Quantity of Sample	500ml	Date of S.C.	01/04/2025		
Receiving Date	02/04/2025	S. Collector	Mukesh Kumar		
Sample Depositor	Mukesh Kumar				
Analysis Start Date	02/04/2025	Analysis Completion Date	04/04/2025		

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)	7.16		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

Note 1. 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.
- The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
- Sample will be stored up to 7 days (in case of non-perishable items only) from the date of issue of tests reports unless.

Sandhya Verma
Analysed By

Sandhya Verma
Microbiologist
Authorized Signatory

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

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Gorakhpur(U.P)-273003



TC-12931

CHEMICAL SAMPLE TEST REPORT

Rept. No | 09/Camp/lab-1 | Date: 08/04/2025 | Page No

Customer Details

Office Name and Address |
Ref Letter No & Date | 02/04/2025

Basic details of sample

District	Maharajganj	Block	--
Gram Panchayat	--	Village	--
Habitation	--	Location	ST. Joseph's School Nichlaur Maharajganj
Water Source	R.O	Sample Code	51623 (C/25/04/05)
Quantity of Sample	1000ml	Date of S.C.	01/04/2025
Receiving Date	02/04/2025	S. Collector	Mukesh Kumar
Sample Depositor	Mukesh Kumar		
Analysis Start Date	02/04/2025	Analysis Completion Date	02/04/2025

Environmental Condition

Temperature | 26.5 °C | Relative Humidity | 52%

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	0.88	NTU	1	5	IS 3025 (Part 10):2023
3	pH (25°C)	7.16	--	6.5-8.5	No relaxation	IS 3025 (Part 11):2022
4	Total Dissolved Solids	88	mg/L	500	2000	IS 3025 (Part 16):2023
5	Total Hardness	72	mg/L	200	600	IS 3025 (part 21):2023
6	Total alkalinity	40	mg/L	200	600	IS 3025 (Part 23):2023
7	Chloride as Cl	18	mg/L	250	1000	IS 3025(Part 32):2003
8	Calcium	28.8	mg/L	75	200	IS 3025(Part 40): 2024
9	Magnesium	10.51	mg/L	30	100	IS 3025(Part 46): 2023
10	Sulphate	3.167	mg/L	200	400	APHA 24th Edition 4500-SO, Method E Turbidimetric Method 2023
11	Nitrate	0.304	mg/L	45	No relaxation	APHA 24th Edition 4500-NO3 Method B UV Screening Method 2023
12	Iron	0.090	mg/L	1	No relaxation	APHA 24th Edition 3500-Fe Method B Phenanthroline Methods 2023
13	Fluoride	0.204	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.

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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.
 5. Sample not collected by the laboratory.

Nishal Mondal
Review By

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