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	118/Camp/Lab-1	Date:	18/05/2026	Page No	

Customer Details

Office Name and Address	
Ref Letter No & Date	13/05/2026

Basic details of sample

District	Basti	Block	–
Gram Panchayat	–	Village	–
Habitation	–	Location	ST. Joseph's School Pipra Ramkishun, Basti
Water Source	R.O	Sample Code	51659
Quantity of Sample	1000ml	Date of S.C.	13/05/2026
Receiving Date	13/05/2026	S. Collector	Mukesh Kumar
Sample Depositor	Mukesh Kumar		
Analysis Start Date	13/05/2026	Analysis Completion Date	14/05/2026

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	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 Turbidmetric Method 2023
11	Nitrate	0.802	mg/L	45	No relaxation	APHA 24th Edition 4500-NO3 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 Diethydithiocarbamate 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

Assistant Engineer
Authorized Signatory
Jal Nigam
GORAKHPUR

Laboratory Contact details: Email-labgorakhpur@gmail.com
Contact - +91 8604561988

End of Report

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

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

BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No	18/Camp/Lab-I.	Date:	18/05/2026	Page No	1/1

Customer Details

Office Name and Address	
Ref Letter No & Date	

Basic details of sample

District	Basti	Block	--
Gram Panchayat	--	Village	--
Habitation	--	Location	ST. Joseph's School Pipra Ramkishun, Basti
Water Source	R.O	Sample Code	51659
Quantity of Sample	500ml	Date of S.C.	13/05/2026
Receiving Date	13/05/2026	S. Collector	Mukesh Kumar
Sample Depositor	Mukesh Kumar		
Analysis Start Date	13/05/2026	Analysis Completion Date	14/05/2026

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 23rd Edition :2017
4	E .Coli	0	CFU	0	CFU	APHA 23rd 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.

District Water Testing Laboratory ★ Gorakhpur (U.P.) Micro Biologist

Analysed By

District Water Testing Laboratory ★ Gorakhpur (U.P.) Micro Biologist

Authorized Signatory

Laboratory Contact details: Email-labgorakhpur@gmail.com Contact - +91 8604561988

End of the Report