

**District Level Water Analysis Laboratory,
U.P. Jal Nigam (Rural), Gorakhpur**
Address: EWS 388,389,390 Rapti Nagar Phase-1, Medical Road,
Gorakhpur(U.P)-273003



Report No.	C/GKP/ Sep-26/2021	Water Test Report	Format No-7.8 F-01
ULR No.	—	Report Release Date	16/09/2026
		Quality of Sample	Drinking Water

Office Name and Address	R.P.S Central Academy, Bahadurpur, Belghat, Gorakhpur
Ref Letter No.& Date	10/09/2026

Basic Details of Sample			
District	Gorakhpur	Tehsil/Block	Belghat
Gram Panchayat	—	Village	Bahadurpur
Habitation	—	Location	R.P.S Central Academy, Bahadurpur, Belghat, Gorakhpur
Source of Sample	R.O	Sample Code	C/26/09/14
Quantity of Sample	1000 + 500 ml	Date of Sample Collection	14/09/2026
Receiving Date	14/09/2026	Sampling Done By	Svatantra Kumar
Sampling Method Used	APHA 24 th Ed 1060 B	Sampling Method Plan	UPJN(R)/QSP/02/2.9
Analysis Start Date	14/09/2026	Analysis Completion Date	15/09/2026

Environmental Condition			
Temperature	25°C±3°C	Humidity	50%±15%

Technical Date of Analysis

Sl. No	Analysed parameters	Unit	Observed Value	Specified Values as per BIS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	Odour	—	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5):2018
2	Taste	—	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8):2023
3	Turbidity	NTU	0.72	1	5	IS 3025 (Part 10):2023
4	pH @ (25°C)	—	7.42	6.5-8.5	No relaxation	IS 3025 (Part 11):2022
5	Total Dissolved Solids (TDS)@ (180°C)	mg/L	104	500	2000	IS 3025 (Part 16):2023
6	Total Hardness (as CaCO ₃)	mg/L	72	200	600	IS 3025 (part 21):2009
7	Total alkalinity, (as CaCO ₃)	mg/L	82	200	600	IS 3025(Part 23):2023
8	Chloride (as Cl ⁻)	mg/L	12	250	1000	IS 3025(Part 32):2025
9	Calcium, (as Ca ⁺²)	mg/L	14.4	75	200	IS 3025(Part 40): 2024
10	Magnesium, (as Mg ⁺²)	mg/L	8.76	30	100	IS 3025(Part 46): 2023
11	Sulphate (as SO ₄)	mg/L	3.728	200	400	APHA 24th Edition 4500-SO ₄ Method E Turbidimetric Method 2023
12	Nitrate (as NO ₃)	mg/L	BDL	45	No relaxation	APHA 24th Edition 4500-NO ₃ Method B UV Screening Method 2023
	Iron (as Fe)	mg/L	BDL	1	No relaxation	APHA 24th Edition 3500-Fe Method B Phenanthroline Methods 2023
	Fluoride, (as F)	mg/L	0.260	1.0	1.5	APHA 24th Edition 4500-F Method C (Electrode Method):2023
	Arsenic	mg/L	BDL	0.01	No Relaxation	APHA 24th Edition 3500 -As Method B (Silver Diethyldithiocarbamate Method):2023

DL- Below Detection Limit, NA- Not Analysed
parameter(s) above permissible limit are in bold digits.

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 been obtained from Head of Laboratory.
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 otherwise Specified.
5. Sample collected by the laboratory.

Vishal Pandey
Review By

Mr. Firoz Ali
Authorized Signatory

atory Contact details: Email-labgorakhpur@gmail.com

Contact - +91 9889105748

***** END OF THE ANALYSIS REPORT*****



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BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No	C/GKP/Sep-26/201	Date:	16/09/2026	Page No	1/1
Customer Details					
Office Name and Address	R.P.S Central Academy, Bahadurpur, Belghat, Gorakhpur				
Ref Letter No & Date	10/09/2026				
Basic details of sample					
District	Gorakhpur	Block	Belghat		
Gram Panchayat	--	Village	Bahadurpur		
Habitation	--	Location	R.P.S Central Academy, Bahadurpur, Belghat, Gorakhpur		
Water Source	R.O.	Sample Code	B/26/09/14		
Quantity of Sample	250 ml	Date of S.C.	14/09/2026		
Receiving Date	14/09/2026	S. Collector	Svatantra Kumar		
Sample Depositor	Svatantra Kumar	Analysis Completion Date	15/09/2026		
Analysis Start Date	14/09/2026				

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)	7.42		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 24 th Edition :2023
4	E .Coli	0	CFU	0	CFU	APHA 24 th Edition :2023

Result : Satisfactory

Remark: Potable

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Analysed By

Sandhya Kumar

Authorized Signatory

Contact - +91 8604561988

Laboratory Contact details: Email-labgorakhpur@gmail.com

End of the Report

