



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 62/Camp/Lab-1 Date: 24/05/2025 Page No

Customer Details

Office Name and Address
Ref Letter No & Date 22/05/2025

Basic details of sample

District	Gorakhpur	Block	--
Gram Panchayat	--	Village	Jangle Dhoosar
Habitation	--	Location	Academic Global School, Jangle Dhoosar Padri Road Gorakhpur
Water Source	R.O	Sample Code	(C/25/05/302)
Quantity of Sample	1000ml	Date of S.C.	22/05/2025
Receiving Date	22/05/2025	S. Collector	Anil
Sample Depositor	Anil		
Analysis Start Date	22/05/2025	Analysis Completion Date	22/05/2025

Environmental Condition

Temperature	26.4 °C	Relative Humidity	57%
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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	0.99	NTU	1	5	IS 3025 (Part 10):2023
3	pH (25°C)	7.39	--	6.5-8.5	No relaxation	IS 3025 (Part 11):2022
4	Total Dissolved Solids	140	mg/L	500	2000	IS 3025 (Part 16):2023
5	Total Hardness	96	mg/L	200	600	IS 3025 (part 21):2023
6	Total alkalinity	82	mg/L	200	600	IS 3025(Part 23):2023
7	Chloride as Cl ⁻	30	mg/L	250	1000	IS 3025(Part 32):2003
8	Calcium	33.6	mg/L	75	200	IS 3025(Part 40): 2024
9	Magnesium	16.94	mg/L	30	100	IS 3025(Part 46): 2023
10	Sulphate	3.169	mg/L	200	400	APHA 24th Edition 4500-SO ₄ Method E Turbidimetric Method 2023
11	Nitrate	0.342	mg/L	45	No relaxation	APHA 24th Edition 4500-NO ₃ Method B UV Screening Method 2023
12	Iron	0.092	mg/L	1	No relaxation	APHA 24th Edition 3500-Fe Method B Phenanthroline Methods 2023
13	Fluoride	0.267	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 Pandey
Review By

S. Pandey
Authorized Signatory
Assistant Engineer
10th Division, U.P. Jal Nigam
Contact: 91-8604561988

Laboratory Contact details: Email-labgorakhpur@gmail.com

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



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BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No	62 /Camp / Lab-1	Date:	24/05/2025	Page No	1/1	
Customer Details						
Office Name and Address						
Ref Letter No & Date	22/05/2025					
Basic details of sample						
District	Gorakhpur	Block	--			
Gram Panchayat	--	Village	Jangle Dhoosar			
Habitation	--	Location	Academic Global School, Jangle Dhoosar Padri Road Gorakhpur			
Water Source	R.O	Sample Code	(C/25/05/302)			
Quantity of Sample	1000ml	Date of S.C.	22/05/2025			
Receiving Date	22/05/2025	S. Collector	Anil			
Sample Depositor	Anil					
Analysis Start Date	22/05/2025	Analysis Completion Date	24/05/2025			
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)	7.39		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
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Analysed By						Authorized Signatory
Laboratory Contact details: Email-labgorakhpur@gmail.com						Contact - +91 8604561988

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