

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

Address: EWS 388,389,390 Rapti Nagar Phase-1, Medical Road, Gorakhpur(U.P)-273003



CHEMICAL SAMPLE TEST REPORT

Page No 21/06/2025 Date: Rept. No Camp **Customer Details** Office Name and Address 14/06/2025 Ref Letter No & Date Basic details of sample Block Gorakhpur District Village Gram Panchavat Jagran Public School Location Campiergani, Gorakhpur Habitation 51644 (C/25/06/14) Sample Code R.O Water Source Date of S.C. 14/06/2025 1000ml **Quantity of Sample** Govind Kumar S. Collector 15/06/2025 Receiving Date **Govind Kumar** Sample Depositor 20/06/2025 **Analysis Completion Date** 19/06/2025 sis Start Date **Environmental Condition** 

59% 27.5°C Relative Humidity Temperature

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	Analyzed parameters	Observed Value	Unit	Specified Values as per BIS 10500:2012		Def Mathod of Analysis	
Sr. No	(Unit of Measurement)			Acceptable Limit	Permissible Limit	Ref. Method of Analysis	
1	Odour	Agreeable				IS 3025 (Part 5):2018	
2	Turbidity	0.21	NTU	1	5	IS 3025 (Part 10):2023	
3	pH (25°C)	7.72	_	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	
- 1	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 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.

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
- 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.

s. Sample not collected by the laboratory. C SChool

Vishal Ananol Review By

JAGRAN PUBLIC SCHOOL

PORAKHPUR

Contact - +91 8604561988

DIRECTOR Signatory

Laboratory Contact details: Email-labgorakhpur@gmail.com

End of Report-



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Rept. 1		mp 196-1		21/06/2025	Page	No	1/1					
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Office	Name and Address	T	-					1				
Contract of the Contract of th	etter No & Date		14/06/2025									
			В	asic details of s	ample	v						
Distric	:1	Gorakh	our	Block								
Gram	Panchayat	-		Village	-							
Habits		-		Location	Ja	Jagran Public School Campierganj,Gorakhpur						
Water	Source	R.O		Sample (	Code	51644 (C/25/06/14)						
-	ity of Sample	500ml			ate of S.C.		14/06/2025					
	ving Date	15/06/20	25	S. Collec	ollector Goving		vind Kumar					
The second second	le Depositor		vind Kum	ar								
	sis Start Date					nalysis Completion Date		20/06/2025				
-				hnical Data of	Analysis							
Sr. No	Analyzed parameters	Observed	Unit	Specified Values as per BIS		Ref. Method of Analysi						
	(Unit of Measurement)	Value		Acceptable Limit	Permissible Limit	Rei. Witti						
1	pH (25°C ± 2°C)	7.72		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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Analysed By

Authorized Signatory

Laboratory Contact details: Email-labgorakhpur@gmail.com

Contact - +91 8604561988

End of the Report-

.lagran Public School

JAGRAN PUBLIC SCHOOL

THE DIRECTOR