



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	07 / 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	Kushinagar	Block	--		
Gram Panchayat	--	Village	--		
Habitation	--	Location	P.L.S Global School Kurmauta Kushinagar		
Water Source	R.O	Sample Code	51621 (C/25/04/03)		
Quantity of Sample	1000ml	Date of S.C.	02/04/2025		
Receiving Date	02/04/2025	S. Collector	Govind Kumar		
Sample Depositor	Govind Kumar				
Analysis Start Date	02/04/2025	Analysis Completion Date	02/04/2025		

Environmental Condition

Temperature	26.5 °C	Relative Humidity	52%
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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	0.92	NTU	1	5	IS 3025 (Part 10):2023
3	pH (25°C)	6.98	--	6.5-8.5	No relaxation	IS 3025 (Part 11):2022
4	Total Dissolved Solids	90	mg/L	500	2000	IS 3025 (Part 16):2023
5	Total Hardness	60	mg/L	200	600	IS 3025 (part 21):2023
6	Total alkalinity	42	mg/L	200	600	IS 3025(Part 23):2023
7	Chloride as Cl ⁻	16	mg/L	250	1000	IS 3025(Part 32):2003
8	Calcium	25.6	mg/L	75	200	IS 3025(Part 40): 2024
9	Magnesium	7.79	mg/L	30	100	IS 3025(Part 46): 2023
10	Sulphate	3.102	mg/L	200	400	APHA 24th Edition 4500-SO ₄ Method E Turbidimetric Method 2023
11	Nitrate	0.302	mg/L	45	No relaxation	APHA 24th Edition 4500-NO ₃ Method B UV Screening Method 2023
12	Iron	0.062	mg/L	1	No relaxation	APHA 24th Edition 3500-Fe Method B Phenanthroline Methods 2023
13	Fluoride	0.082	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.

- 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.

Review By

Authorized Signatory

Manager

Laboratory Contact details: Email: labgorakhpur@gmail.com

Contact: +91 8604561988

P.L.S. GLOBAL SCHOOL
Kurmauta, Manjhariya, Hata
Kushinagar (U.P.)

End of Report

Kurmauta, Manjhariya, Hata
Kushinagar (U.P.)



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BACTERIOLOGICAL SAMPLE TEST REPORT

Rept. No. 107 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	Kushinagar	Block	--
Gram Panchayat	--	Village	--
Habitation	--	Location	P.L.S Global School Kurmauta Kushinagar
Water Source	R.O	Sample Code	51621
Quantity of Sample	500ml	Date of S.C.	02/04/2025
Receiving Date	02/04/2025	S. Collector	Govind Kumar
Sample Depositor	Govind 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)	7.98		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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Sandhya Verma
Analysed By

Sandhya Verma
Authorized Signatory

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Contact - +91 8604561988

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

AB
Principal
P.L.S. GLOBAL SCHOOL
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Manager
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