

**District Level Water analysis****Laboratory****Uttar Pradesh Jal Nigam (Rural), Kushinagar****Add. -Vill Parsauni Kala Near Water Tank Padrauna****KUSHINAGAR 274304**

TC-12226

Analysis Report

Report No DL KSN A 31

Date 20.05.2025

Page No 31

Customer Details

School Name and Address DEEP SHIKHA PUBLIC SCHOOL NH 28, PATAHERIA CHOWK PATAHERAWA KUSHINAGAR

Ref Letter No & Date 02 19.05.2025

Basic details of sample

District	KUSHINAGAR	Block	TAMKUH RAJ
Gram Panchayat	PATAHERAWA	Village	PATAHERIA CHOWK
Habitation	PATAHERIA CHOWK	Location	PATAHERIA CHOWK
Water Source	RO	Sample Id	KSN 031
Quantity of Sample	1000 ml	Date of S.C.	19.05.2025
Receiving Date	19.05.2025	S. Collector	By School Manager
Sample Depositor	By School Manager		
Analysis Start Date	20.05.2025	Analysis Completion Date	20.05.2025

Temperature- 25±3 C

Relative Humidity- 50±15%

Technical Data of Analysis

S. No.	Analyzed parameters (Unit of Measurement)	Observed Value	Specified Values As per BIS 10500:2012			Ref. Method of Analysis
			Unit	Acceptable Limit	Permissible Limit	
1	2	3		4	5	6
1	pH	7.1	---	6.5	8.5	IS 3025(Part 11): 2022
2	Turbidity (NTU)	0.45	NTU	1.0	5.0	IS 3025(Part 10): 2022
3	TDS (mg/l)	57.81	mg/l.	500	2000	IS 3025(Part 16): 2022
4	Total Alkalinity (mg/l)	52	mg/l.	200	600	IS 3025(Part 23): 2019
5	Total Hardness (mg/l)	48	mg/l.	200	600	IS 3025(Part 21): 2019
6	Calcium (mg/l)	14.4	mg/l.	75	200	IS 3025(Part 40): 2019
7	Magnesium (mg/l)	2.91	mg/l.	30	100	IS 3025(Part 46): 2019
8	Chloride (mg/l)	22	mg/l.	250	1000	IS 3025(Part 32): 2019
9	Odour	Agreeable	---	Agreeable/ Not Agreeable	Agreeable/ Not Agreeable	IS 3025(Part 5): 2018
10	Taste	Agreeable	---	Agreeable/ Not Agreeable	Agreeable/ Not Agreeable	IS 3025(Part 8): 1984
11	Fluoride*	0.19	mg/l.	5.00	20.0	IS 3025(Part 60): 2022
12	Nitrate (mg/l)*	0.07	mg/l.	5.00	50.0	IS 3025(Part 34): 2022
13	Sulphate (mg/l)*	0.10	mg/l.	5.00	50.0	IS 3025(Part 24): 2022
14	Iron (mg/l)*	0.0	mg/l.	0.50	5.0	IS 3025(Part 53): 2022
15	Arsenic (mg/l)*	0.00	mg/l.	0.005	2.00	IS 3025(BY AAS): 2022
16	Conductivity*	---	(M/s/cm)	NA	NA	IS 3025(Part 10): 2017

#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.

10. This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract.
11. The test results reported in this certificate are valid at the time of under the stated conditions of measurements.
12. Sample will be stored upto 07 days (in case of non perishable item only) from the date of issue of tests reports.
13. * Parameter Are Not accredited

Prepared by

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Reviewed by

Authorized Signatory
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District Level Water analysis Laboratory
Uttar Pradesh Jal Nigam (Rural), Kushinagar
Add. - Vill Parsauni Kala Near Water Tank Padrauna
KUSHINAGAR 274304

BACTERIOLOGICAL SAMPLE TEST REPORT

Report No	DI KSN A 31	Date	20.05.2025	Page No	31	
School Name and Address	DEEPA SHIKHA PUBLIC SCHOOL, NH 28, PATAHERIA CHOWK, PATAHERA, KUSHINAGAR					
Ref Letter No & Date	02/19.05.2025					
Customer Details						
Basic details of sample						
District	KUSHINAGAR	Block	TANKUTH RAJ			
Gram Panchayat	PATAHERA	Village	PATAHERIA CHOWK			
Habitation	PATAHERIA CHOWK	Location	PATAHERIA CHOWK			
Water Source	RO	Sample Id	KSN 031			
Quantity of Sample	1000 ml	Date of S.C.	19.05.2025			
Receiving Date	19.05.2025	S. Collector	By School Manager			
Sample Depositor	By School Manager					
Analysis Start Date	20.05.2025					
Temperature- 25±3 °C	Analysis Completion Date		20.05.2025			
Relative Humidity- 50±15%						
Technical Data of Analysis						
S. No	Analyzed parameters (Unit of Measurement)	Observed Value	Specified Values As per BIS 10500:2012			Ref. Method of Analysis
			Unit	Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	
1	pH	7.1	...	6.5	8.5	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 Edition: 2017
4	E. Coli	0	CFU	0	CFU	APHA 23 Edition: 2017

*BDL- Below Detection Limit, N/A- Not Analyzed.

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