District Level Water Analysis Laboratory, U.P. Jal Nigam(Rural), Maharajganj

Rampur Satbhariya Water Supply Campus, Gorakhpur Road, District-Maharajganj-273303

TC-12224

Lab ID: T-8716

Analysis Report

Rept. No. UPJNMRJ/MAY/25-26/31	Date:- 19/05/2025	Page No. 1/2

Customer Name - Naveen Singh

Address - G.S. National Public School, Brijmanganj, Maharajganj

Reference Letter No. -

Basic Details of sample

District- Maharajganj		Block- Brijmanganj	
Gram Panchayat/ Nagar	Brijmanganj, Maharajganj	Village/Nagar	Brijmanganj, Maharajganj
		Latitude	27.21453
		Longitude	83.217348
Habitation	Brijmanganj, Maharajganj	Location	G.S. National Public School, Brijmanganj, School
Water Source	H.P.	Date of S.C.	17.05.2025
Quantity of Sample	1500ml	Sample Collector	By Sampler
Receiving Date	17.05.2025	Analysis Completion Date-	19.05.2025
Sample Receive	Sushil Kumar		
Analysis Start Date	17.05.2025		
Temprature - 25 +-C		Relative Humidity - 50+-15%	

Technical Data of Analysis

S.No.	Analysed parameters (Unit of Measurement)	Observed Value	Unit	Specified Values as per BIS		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	Turbidity	1.51	NTU	1.00	5.00	IS 3025 (Part 10) : 2023
2	TDS	276.00	mg/L	500.00	2000.00	IS 3025 (Part 16) : 2023
3	pH	8.08	-	6.5 - 8.5	No relaxation	IS 3025 (Part 11) : 2022
4	Total Hardness	202.00	mg/L	200.00	600.00	IS 3025 (Part 21) : 2019
5	Total Alkanity	308.00	mg/L	200.00	600.00	IS 3025 (Part 23) : 2023
6	Chloride as Cl	16.00	mg/L	250.00	1000.00	IS 3025 (Part 32) : 2019
7	Calcium	46.51	mg/L	75.00	200.00	IS 3025 (Part 40) : 2019
8	Magnisum	22.08	mg/L	30.00	100.00	IS 3025 (Part 46) : 2019
9	Colour	5.00	Hazen	5.00	15.00	IS 3025 (Part 4) : 2021

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 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 other wise specified.

Prepared By

Anand Agnihotri
Review By

(Radheyshyam Rawat)
Quality Manager
Authorised Signatory
Mob No. 8858396548

Lab E-Mail ID :- ritikalalmrj@gmail.com

End of Test Report

PRINCIPAL
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Bridgmanganj, Maharajganj

MANAGER
G.S. National Public School
Bridgmanganj, Maharajganj

District Level Water Analysis Laboratory,
U.P. Jal Nigam(Rural), Maharajganj

Rampur Satbhariya Water Supply Campus, Gorakhpur Road,
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Technical Data of Analysis

S.No.	Analysed parameters (Unit of Measurement)	Observed Value	Unit	Specified Values as per BIS		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	Conductivity	553.00	mS/cm	NA	NA	IS 3025 (Part 14)
2	Sulphate	86.21	mg/L	200.00	400.00	APHA24rd Edition-4500-SO4 Method E (Tubiditimetric Method)
3	Nitrate	8.24	mg/L	45.00	No relaxation	APHA24rd Edition-4500-NO3 Method B (UV Screening Method)
4	Iron	0.201	mg/L	1.00	No relaxation	APHA24rd Edition-4500-FE Method B (Phenanthroline- Method)
5	Arsenic	0.00	mg/L	0.01	No relaxation	APHA24rd Edition-4500-As Method B (Silverdiethyldithiocarbamate- Method)
6	Floride	0.204	mg/L	1.00	1.50	APHA24rd Edition-4500-As Method C (Electrode - Method)
7	E-Coli (Bacteria)	0.00	CFU	Nill	Nill	IS 15181:2016

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Anand Agnihotri
Review By

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End of Test Report

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