



**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. UPJNMRI/MARCH/24-25/133

Date:- 24/03/2025

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Customer Name - Principal, P.S.M. Public School

Address - Nagar Panchyat, Anand Nagar, District- Maharajganj

Reference Letter No. -

Basic Details of sample

District- Maharajganj		Block- Pharenda	
Gram Panchayat/ Nagar	P.S.M. Public School, Nagar Panchyat, Anand Nagar, District- Maharajganj	Village/Nagar	Nagar Panchyat, Anand Nagar
		Latitude	27.093044
		Longitude	83.278709
Habitation	Nagar Panchyat, Anand Nagar,	Location	School Campus
Water Source	H.P.	Date of S.C.	18.03.2025
Quantity of Sample	1500ml	Sample Collector	By Sampler
Receiving Date	18.03.2025	Analysis Completion Date-	24.03.2025
Sample Receive	Sushil Kumar		
Analysis Start Date	19.03.2025		
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	1.71	NTU	1.00	5.00	IS 3025 (Part 10) : 2023
2	TDS	76.14	mg/L	500.00	2000.00	IS 3025 (Part 16) : 2023
3	pH	7.78	-	6.5 - 8.5	No relaxation	IS 3025 (Part 11) : 2022
4	Total Hardness	42.00	mg/L	200.00	600.00	IS 3025 (Part 21) : 2019
5	Total Alkalinity	59.32	mg/L	200.00	600.00	IS 3025 (Part 23) : 2023
6	Chloride as Cl	15.00	mg/L	250.00	1000.00	IS 3025 (Part 32) : 2019
7	Calcium	9.79	mg/L	75.00	200.00	IS 3025 (Part 40) : 2019
8	Magnisum	5.28	mg/L	30.00	100.00	IS 3025 (Part 46) : 2019
9	Colour	10.00	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.
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.

[Signature]
Prepared By

[Signature]
Review By

[Signature]
(Radheyshyam Rawat)
Quality Manager
Authorized Signatory
Mob.No. 8858396541

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

End of Test Report

[Signature]
PRINCIPAL
P.S.M. Public School
Anandnagar-Maharajganj

[Signature]
MANAGER
P.S.M. Public School
Anandnagar-Maharajganj



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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	152.28	mS/cm	NA	NA	IS 3025 (Part 14) : 2017
2	Sulphate	65.71	mg/L	200.00	400.00	APHA23rd Edition-4500-SO4 Method E (Turbidimetric Method), 2017
3	Nitrate	5.21	mg/L	45.00	No relaxation	APHA23rd Edition-4500-NO3 Method B (UV Screening Method), 2017
4	Iron	0.12	mg/L	1.00	No relaxation	APHA23rd Edition-4500-FE Method B (Phenanthroline- Method), 2017
5	Arsenic	0.00	mg/L	0.01	No relaxation	APHA23rd Edition-4500-As Method B (Silverdiethyldithiocarbamate- Method), 2017
6	Fluoride	0.120	mg/L	1.00	1.50	APHA23rd Edition-4500-As Method C (Electrode - Method), 2017
7	E-Coli (Bacteria)	0.00	CFU	Nil	Nil	IS 15181:2016

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End of Test Report

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MANAGER

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