



**District Level Water Analysis Laboratory,
U.P. Jal Nigam(Rural), Maharajganj**
Rampur Satbhariya Water Supply Campus, Gorakhpur Road,
District-Maharajganj-273303



TC-16954

Analysis Report

URL No. TC-16954/26/00000009041

Date 18.09.2026

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Customer Name - Ramakant Tripathi (Manager)

Address - Gyandeeep Public School, Saraswati Nagar, Badahara Mahanth, District- Maharajganj.

Reference Letter No. - N/A

Basic Details of sample**District- Maharajganj**

Gram Panchayat/ Nagar	Saraswati Nagar, Badahara Mahanth	Village/Nagar	Badahara Mahanth
		Latitude	27.1387970
		Longitude	83.6960070
Habitation	Saraswati Nagar, Badahara Mahanth	Location	Gyandeeep Public School, Saraswati Nagar, Badahara Mahanth, District- Maharajganj.
Water Source	H.P.	Date of S.C.	15.09.2026
Quantity of Sample	1500ml	Sample Collector	By Sampler
Receiving Date	15.09.2026	Analysis Completion Date-	18.09.2026
Sample Receive	Sampler		
Analysis Start Date	15.09.2026		
Temperature - 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	1.97	NTU	1.00	5.00	IS 3025 (Part 10) : 2023
2	TDS	208.00	mg/L	500.00	2000.00	IS 3025 (Part 16) : 2023
3	pH	7.91	-	6.5 - 8.5	No relaxation	IS 3025 (Part 11) : 2022
4	Total Hardness	180.00	mg/L	200.00	600.00	IS 3025 (Part 21) : 2019
5	Total Alkalinity	268.00	mg/L	200.00	600.00	IS 3025 (Part 23) : 2023
6	Chloride as Cl	22.00	mg/L	250.00	1000.00	IS 3025 (Part 32) : 2019
7	Calcium	53.04	mg/L	75.00	200.00	IS 3025 (Part 40) : 2019
8	Magnesium	12.96	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
10	Sulphate	27.85	mg/L	200.00	400.00	APHA24rd Edition-4500-SO4 Method E (Turbidimetric Method)
11	Nitrate	3.77	mg/L	45.00	No relaxation	APHA24rd Edition-4500-NO3 Method B (UV Screening Method)
12	Iron	0.000	mg/L	1.00	No relaxation	APHA24rd Edition-4500-Fe Method B (Phenanthroline- Method)
13	Arsenic	0.00	mg/L	0.01	No relaxation	APHA24rd Edition-4500-As Method B (Silverdiethyldithiocarbamate- Method)
14	Fluoride	0.309	mg/L	1.00	1.50	APHA24rd Edition-4500-F Method C (Electrode Method)

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

Review By

(Radheyshyam Rawat)
Quality Manager
Authorized Signatory

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

Mob.No. 8858396541

End of Test Report





District Level Water Analysis Laboratory,
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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	416.00	mS/cm	NA	NA	IS 3025 (Part 14)
2	E-Coli (Bacteria)	0.00	CFU	Nil	Nil	IS 15181:2016

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[Signature]
 Prepared By

[Signature]
 Review By

[Signature]
 (Radheyshyam Rawat)
 Quality Manager
 Authorized Signatory

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

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End of Test Report