



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/JUNE/25-26/40

Date:- 21/06/2025

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Customer Name - Principal

Address - PSM World School, Kuawa Chap, Madhav Nagar, Paniyara, Maharajganj

Reference Letter No. -

Basic Details of sample

District- Maharajganj		Block- Pharenda	
Gram Panchayat/ Nagar	Kuawa Chap, Madhav Nagar, Paniyara, Maharajganj	Village/Nagar	Kuawa Chap, Madhav Nagar, Paniyara, Maharajganj
		Latitude	27.011479
		Longitude	83.422162
Habitation	Kuawa Chap, Madhav Nagar, Paniyara	Location	PSM World School, Kuawa Chap, Madhav Nagar, Paniyara, Maharajganj
Water Source	R.O.	Date of S.C.	18.06.2025
Quantity of Sample	1500ml	Sample Collector	By Sampler
Receiving Date	18.06.2025	Analysis Completion Date-	21.06.2025
Sample Receive	Sushil Kumar		
Analysis Start Date	18.06.2025		
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	2.77	NTU	1.00	5.00	IS 3025 (Part 10) : 2023
2	TDS	84.14	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	60.00	mg/L	200.00	600.00	IS 3025 (Part 21) : 2019
5	Total Alkanity	92.00	mg/L	200.00	600.00	IS 3025 (Part 23) : 2023
6	Chloride as Cl	19.00	mg/L	250.00	1000.00	IS 3025 (Part 32) : 2019
7	Calcium	16.32	mg/L	75.00	200.00	IS 3025 (Part 40) : 2019
8	Magnisum	6.24	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.

[Signature]
Prepared By

[Signature]
Review By

[Signature]
(Radheyshyam Rawat)



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

End of Test Report

[Signature]
Principal
P S M WORLD SCHOOL
Kuana Chap, Madhav Nagar
Paniyara, Maharajganj (U.P.)

[Signature]
Manager
P S M WORLD SCHOOL
Kuana Chap, Madhav Nagar
Paniyara, Maharajganj (U.P.)



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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	168.28	mS/cm	NA	NA	IS 3025 (Part 14)
2	Sulphate	78.48	mg/L	200.00	400.00	APHA24rd Edition-4500-SO4 Method E (Tubidimetric Method)
3	Nitrate	6.24	mg/L	45.00	No relaxation	APHA24rd Edition-4500-NO3 Method B (UV Screening Method)
4	Iron	0.000	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	0.113	mg/L	1.00	1.50	APHA24rd Edition-4500-As Method C (Electrode - Method)
7	E-Coli (Bacteria)	0.00	CFU	Nil	Nil	IS 15181:2016

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Prepared By

Review By

(Radheyshyam Rawat)

Quality Manager
Water All India
Authorized Signatory

Lab.No. 8858396541

**Quality
Manager**



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

End of Test Report

Principal

P S M WORLD SCHOOL
Kuana Chap, Madhav Nagar
Paniyara, Maharajganj (U.P.)

Manager

P S M WORLD SCHOOL
Kuana Chap, Madhav Nagar
Paniyara, Maharajganj (U.P.)