



Analysis Report

District Level Water Analysis Laboratory
U.P Jal Nigam (Rural), Mirzapur, (Uttar Pradesh)- India



TC-13296

Rept No	MBC8046	Date	24-02-2026	Page No.	1
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Customer Details

Office Name/Name and Address of the Customer	Panchshil Public School Mawayi Kala, Post+PS Haliya, Dist Mirzapur-Uttarpradesh (India)
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Basic details of sample

State	Uttar Pradesh		
District	Mirzapur	Block	Haliya
Gram Panchayat	Mawayi Kalan	Village/Mohalla	Mawayi Kalan
Habitation	-	Location/Site Name	Panchshil Public School
Water Source	RO	Sample No.	1
Quantity of Sample	1000 ml	Date of Sample Collection	23/022026
Receiving Date	23-02-2026	Sample Collector	Ghanshyam
Sample Depositer	Ghanshyam		
Analysis Start Date	23-02-2026	Analysis Completion Date	24-02-2026

Environmental Condition

Temperature	24.9°C	Relative Humidity	63%
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Technical Data of Analysis

S.No.	Analysed Parameter	Units	Observed Value	Specified Values as per IS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
1	Colour	Hazen	5	5	15	APHA 24th Edition-2120- color method B (Platinum Cobalt Visual Comparison method): 2023
2	Odour	Qualitative	Aggreable	-	-	IS 3025 (Part 5):2022: 2022
3	Taste	Qualitative	Aggreable	-	-	IS 3025 (Part 8): 2023: 2023
4	pH	-	7.35	6.5-8.5	6.5-8.5	5d
5	Turbidity	(NTU)	1.71	1.00	5.00	Apha 24th Edition-2130 -turbidity method B: 2023
6	TDS	(mg/L)	188.4	500	2000	IS 3025 (Part 16) : 2023
7	Chloride	(mg/L)	15.0	250	1000	APHA 24th Edition -4500-Cl Method B (Argentometric method): 2023
8	Total Alkalinity	(mg/L)	165	200	600	IS 3025 (Part 23) : 2023
9	Total Hardness	(mg/L)	160	200	600	IS 3025 (Part 21) : 2019
10	Sulphate	(mg/L)	2.32	200	400	APHA 24th Edition -4500-SO4 Method E (Turbidimetric Method): 2023
11	Nitrate	(mg/L)	6.32	45	45	APHA 24th Edition -4500- NO3 Method B (UV Screening Method): 2023
12	Fluoride	(mg/L)	0.271	1	1.5	APHA 24th Edition -4500-F Method C (Electrode Method) : 2023
13	Iron	(mg/L)	0.11	1.0	1.0	APHA 24th Edition -3500-Fe Method B (Phenanthroline Method) : 2023
14	Calcium	(mg/L)	26.052	75	200	IS 3025 (Part 40) :2023
15	Magnesium	(mg/L)	23.085	30	100	APHA 24th Edition -3500-Mg Method B (By Calculation): 2023

- 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. The sample has not been collected by the lab, hence the entire responsibility of sample collection lies with the sample collector.
 5. Sample will be stored up to 07 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.
 6. BDL: Below Detection Limit.
 7. UDL: Upper Detection Limit.

Prepared By

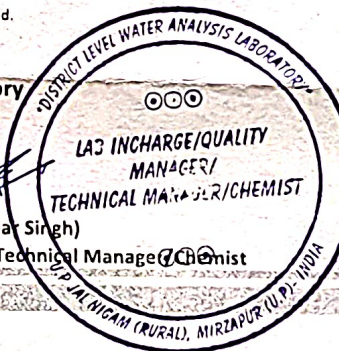
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End of the Report

