



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		
Habitatation	-	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**
- This Certificate refers only to the particular sample(s) submitted for testing.
 - 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.
 - The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
 - The sample has not been collected by the lab, hence the entire responsibility of sample collection lies with the sample collector.
 - 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.
 - BDL: Below Detection Limit.
 - UDL:- Upper Detection Limit.

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End of the Report