



Analysis Report

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



Rept No MBC7138 Date 29-06-2024 Page No. 1

Customer Details

Office Name and Address of the Customer Jaideep Public School
Harsinghpur, Tilthi, Mirzapur (U.P.)-India

Basic details of sample

State Uttar pradesh
District Mirzapur Block Kon
Gram Panchayat Shreepatti Village/Mohalla Harsinghpur
Habitation - Location/Site Name -
Water Source Submersible Sample No. 1
Quantity of Sample 1000 ml Date of Sample Collection 27-06-2024
Receiving Date 27-06-2024 Sample Collector Girish Mishra
Sample Depositer Girish Mishra
Analysis Start Date 28-06-2024 Analysis Completion Date 29-06-2024

Environmental Condition

Temperature 25.8°C Relative Humidity 51%

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	0	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	-	Not Tested	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022 (Electrometric Method)
5	Turbidity	(NTU)	2.10	1.00	5.00	Apha 24th Edition-2130 -turbidity method B: 2023
6	TDS	(mg/L)	725.8	500	2000	IS 3025 (Part 16) : 2023
7	Chloride	(mg/L)	155.0	250	1000	APHA 24th Edition -4500-Cl Method B (Argentometric method): 2023
8	Total Alkalinity	(mg/L)	545	200	600	IS 3025 (Part 23) : 2023
9	Total Hardness	(mg/L)	530	200	600	IS 3025 (Part 21) : 2019
10	Sulphate	(mg/L)	14.52	200	400	APHA 24th Edition -4500-SO4 Method E (Turbidimetric Method): 2023
11	Nitrate	(mg/L)	12.60	45	45	APHA 24th Edition -4500- NO3 Method B (UV Screening Method): 2023
12	Fluoride	(mg/L)	0.539	1	1.5	APHA 24th Edition -4500-F Method C (Electrode Method) : 2023
13	Iron	(mg/L)	0.69	1.0	1.0	APHA 24th Edition -3500-Fe Method B (Phenanthroline Method) : 2023
14	Calcium	(mg/L)	82.164	75	200	IS 3025 (Part 40):2023
15	Magnessium	(mg/L)	78.975	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

Reviewed By

Authorized Signatory

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Lab Incharge/Quality Manager/Technician/Manager/Chemist

End of the Report

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