



DISTRICT LEVEL WATER TESTING LABORATORY

Address: Jai Singhpora, U.P. Jal Nigam, Mathura-281003

जल निगम मथुरा

Report No:	MTR/PS/05/040 (R.T)	Issue Date:	30/05/2024	Lab ID	T-6437
Remark	Sample collected and submitted by the school staff itself.			Page No	02
Customer Details					
Contact Person:	Mr. Rajesh Kumar	Address:	Mithauli, Mathura.		
Office Name and Address	DISTRICT LEVEL WATER TESTING LABORATORY, MATHURA				
Ref Letter No & Date					
Basic details of sample					
District	Mathura	Block	Naujheel		
Gram Panchayat	Naujheel	Village	Mithauli		
Habitation	N.R.I Public School, Mithauli	Location	Mithauli, Mathura.		
Water Source	Submersible	Sample No.	MTR-040 (R.T)		
Quantity of Sample	1000 ML	Date of Collection	27/05/2024 (10:05 AM)		
Receiving Date	27/05/2024 (10:45 AM)	S. Collector	Mr. Rajesh Kumar		
Sample Depositor	Mr. Rajesh Kumar	Sampling Method	As per IS 17614: Part-2021		
Analysis Start Date (Time)	27/05/2024 (11:20 PM)	Analysis Completion Date (Time)	27/05/2024 (04:30 PM)		
Temperature	26.9°C	Humidity	Upto 49%		
Technical Data of Analysis					
Sr.No.	Analyzed parameters	Observed Value	Specified Values as per BIS 10500:2012		Ref. Method of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1.	pH	7.25	6.5-8.5	No relaxation	APHA 24th Edition -4500-H+ Method B
2.	Turbidity (NTU)	1.98	2.5	10	APHA 24th Edition -2130-Turbidity Method B
3.	TDS (mg/L)	365	500	2000	APHA 24th Edition -2540-TDS Method C (Dried at 180 degree Celsius)
4.	Fluoride (mg/L)	0.98	1	1.5	APHA 24th Edition 4500-F Method C (Electrode method) 2017
5.	Total Hardness (mg/L)	90	200	600	APHA 24th Edition -2540-TDS Method C (Dried at 180 degree Celsius)
6.	Total Alkalinity (mg/L)	105	200	600	APHA 24th Edition -2320-Alkalinity Method B (Titration method)
7.	Chloride (mg/L)	75	250	1000	APHA 24th Edition -4500-Cl Method B (Argentometric -method)
8.	Calcium (mg/L)	09	75	200	APHA 24th Edition -3500-Ca Method B (EDTA method)
9.	Magnesium (mg/L)	27	30	100	APHA 24th Edition -3500-Mg Method B (By Calculation)
10.	Color (Hazen)	06	5	15	APHA 24th Edition Color 2120 B (Visual Comparison Method)
11.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 7-8):2019

12.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5):2018
13.	Iron as Fe (mg/L)	0.03	0.3	No relaxation	APHA 24th Edition - 3500-Fe Method B (Phenanthroline Method): 2023
14.	Nitrate as NO₃ (mg/L)	11	45	No relaxation	APHA 24th Edition - 4500- NO ₃ Method D (UV Screening Method): 2023
15.	Sulphate as SO₄ (mg/L)	16	200	400	APHA 24th Edition - 4500-SO ₄ Method E (Turbidimetric Method): 2023
16.	Conductivity (mS/cm)	-	-	-	APHA 24th Edition-2510 B. Conductivity (Laboratory Method):2017

:- Terms & Conditions :-

- 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.
- The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
- Sample will be stored up to 07 days after analysis (in case of non-perishable items only) from the date of issue of tests reports.
- The Bold and underline observed value is a type of notation for outlier or out of the Acceptable and Permissible Limit.**
- After taken the report please give us short feedback by rating 1 to 5 star according our services

- : REVIEW ON ANALYSIS :-

On the basis of above parameter analysis report for the given sample within safe range and under Acceptable Limit according to BIS 10500:2012.

- PASS (✓)
- FAIL ()



(Authorized Signatory)

**CHEMIST/QUALITY MANAGER/T.M
UTTAR PRADESH JAL NIGAM
MATHURA**

End of the Report