



जल निगम, मथुरा

DISTRICT LEVEL WATER TESTING LABORATORY

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

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Report No:	MTR/04/27	Issue Date:	21/04/2025	Lab ID	T-6437
Remark	Sample collected and submitted by the school staff itself.			Page No	02

Customer Details

Contact Person:	Mr. Swatantra Mishra	Address:	Vidya Dham, Bahadurpur, Karab, Mathura, 281204
Office Name and Address	DISTRICT LEVEL WATER TESTING LABORATORY, MATHURA		
Ref Letter No & Date			

Basic details of Sample

District	Mathura	Block	Raya
Gram Panchayat	Karab	Village	Karab
Habitation	SVS International Academy	Location	Vidya Dham, Bahadurpur, Karab, Mathura, UP-281204
Water Source	R.O. Water	Sample No.	MTR-38 ✓
Quantity of Sample	1000 ML	Date of Collection	17/04/2025(11:40AM)
Receiving Date	17/04/2025(02:22 PM)	S. Collector	Mr. Swatantra Mishra
Sample Depositor	Mr. Swatantra Mishra	Sampling Method	As per IS 17614: Part-2021
Analysis Start Date (Time)	17/04/2025(04:40 PM)	Analysis Completion Date (Time)	21/04/2025(11:20 AM)
Temperature	26.1°C	Humidity	Upto 30%

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	7.80	6.5-8.5	No relaxation	APHA 24th Edition-4500-H Method B
2.	Turbidity (NTU)	2.62	2.5	10	APHA 24th Edition-2130-Turbidity Method B
3.	TDS (mg/L)	602	500	2000	APHA 24th Edition-2540-TDS Method C (Dried at 180 degree Celsius)
4.	Fluoride (mg/L)	1.04	1	1.5	APHA 24th Edition 4500-F Method C (Electrode method) 2017
5.	Total Hardness (mg/L)	245	200	600	APHA 24th Edition-2540-TDS Method C (Dried at 180 degree Celsius)
6.	Total Alkalinity (mg/L)	219	200	600	APHA 24th Edition-2320-Alkalinity Method B (Titration method)
7.	Chloride (mg/L)	258	250	1000	APHA 24th Edition -4500-Cl Method B (Argentometric -method)
8.	Calcium (mg/L)	79	75	200	APHA 24th Edition -3500-Ca Method B (EDTA method)
9.	Magnesium (mg/L)	35	30	100	APHA 24th Edition -3500-Mg Method B (By Calculation)
10.	Color (Hazen)	05	05	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)	0.008	0.3	No relaxation	APHA 24th Edition – 3500-Fe Method /b (Phenanthroline Method): 2023
14.	Nitrates NO ₃ (mg/L)	05	45	No relaxation	APHA 24th Edition – 4500-NO ₃ Method D (UV Screening Method): 2023
15.	Sulphate as SO ₄ (mg/L)	190	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:-

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.
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 07 days after analysis (in case of non-perishable items only) from the date of issue of tests reports.
5. **The Bold and underline observed value is a type of notation for outlier or out of the Acceptable and Permissible Limit.**
6. 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)
CHEMIS/QUALITY MANAGER/T.M.
UTTAR PRADESH JAL NIGAM
MATHURA

End of the Report