



जल निगम मथुरा

# District Level Water Testing Laboratory

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



TC-10347

Report No:	MTR/02/33754	Issue Date:	24/02/2024	Lab ID	T-6437
Remark				Page No	02

## Customer Details

Contact Person:	Mr. Gaurav Singh Chauhan	Address:	Kota, Mathura, 281003
Office Name and Address	District level water testing laboratory, Mathura		
Ref Letter No & Date			

## Basic details of sample

District	Mathura	Block	Goverdhan
Gram Panchayat	Kota	Village	Kota
Habitation	Rajeev International School	Location	Kota, Mathura, 281003
Water Source	RO Water	Sample No.	MTR-754
Quantity of Sample	1000 ML	Date of Collection	19/02/2024(10:15 AM)
Receiving Date	19/02/2024(12:15 PM)	S. Collector	Mr. Gaurav Singh Chauhan
Sample Depositor	Mr. Gaurav Singh Chauhan	Sampling Method	As per IS 17614: Part-2021
Analysis Start Date (Time)	20/02/2024(01:35 PM)	Analysis Completion Date (Time)	21/02/2024(02:20 PM)
Temperature	22.6°C	Humidity	Upto 55%

## Technical Data of Analysis

Sr.No.	Analyzed parameters	Observed Value	Specified Values as per BIS		Ref. Method of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1.	pH	7.14	6.5-8.5	No relaxation	APHA 23rd Edition -4500-H+ Method B
2.	Turbidity (NTU)	2.31	2.5	10	APHA 23rd Edition -2130-Turbidity Method B
3.	TDS (mg/L)	160	500	2000	APHA 23rd Edition -2540-TDS Method C (Dried at 180 degree Celsius)
4.	Fluoride (mg/L)	≤0.21	1	1.5	APHA 23rd Edition 4500-F Method C (Electrode method) 2017
5.	Total Hardness (mg/L)	80	200	600	APHA 23rd Edition -2540-TDS Method C (Dried at 180 degree Celsius)
6.	Total Alkalinity (mg/L)	48	200	600	APHA 23rd Edition -2320-Alkalinity Method B (Titration method)
7.	Chloride (mg/L)	40	250	1000	APHA 23rd Edition -4500-Cl Method B (Argentometric - method)
8.	Calcium (mg/L)	-	75	200	APHA 23rd Edition -3500-Ca Method B (EDTA method)

9.	Magnesium (mg/L)	-	30	100	APHA 23rd Edition -3500-Mg Method B (By Calculation)
10.	Color (Hazen)	3	5	15	APHA 23 <sup>rd</sup> 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

**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.
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. After taken the report please give us short feedback by rating 1 to 5 star according our services.

**RESULTS:**

- PASS (✓)
- FAIL ( )

*(Authorized Signatory)*

CHEMIST/QM/TM  
UTTAR PRADESH JAL NIGAM  
MATHURA

End of the Report

*Manish*  
PRINCIPAL  
Rajiv International School  
MATHURA