



# DISTRICT LEVEL WATER TESTING LABORATORY

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

संज्ञक संख्या

Report No:	MTR/PS/05/045	Issue Date:	28/05/2024	Lab ID	F-6487
Remark:	Sample collected and submitted by the school staff itself.			Page No	02

### Customer Details

Contact Person:	Mr. Kuldeep Lavania	Address:	Iroli-gujar, Akbarpur, Mathura
Office Name and Address	DISTRICT LEVEL WATER TESTING LABORATORY, MATHURA		
Ref Letter No & Date			

### Basic details of sample

District	Mathura	Block	Mathura
Gram Panchayat	Iroli Gujar	Village	Iroli Gujar
Habitation	Brijsthal Vidhyapeeth, Iroli Gujar	Location	Iroli-gujar, Akbarpur, Mathura
Water Source	RO Water	Sample No.	MTR-045
Quantity of Sample	1000 ML	Date of Collection	27/05/2024 (11:49 AM)
Receiving Date	27/05/2024 (11:53 AM)	S. Collector	Mr. Kuldeep Lavania
Sample Depositor	Mr. Kuldeep Lavania	Sampling Method	As per IS 17614-Part-2021
Analysis Start Date (Time)	27/05/2024 (01:10 PM)	Analysis Completion Date (Time)	28/05/2024 (10:55 AM)
Temperature	26.8°C	Humidity	Upto 47%

### 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	7.38	6.5-8.5	No relaxation	APHA 24th Edition -4500-H-Method B
2.	Turbidity (NTU)	1.67	2.5	10	APHA 24th Edition -2130-Turbidity Method B
3.	TDS (mg/L)	395	500	2000	APHA 24th Edition -2540-TDS Method C (Dried at 180 degree Celsius)
4.	Fluoride (mg/L)	0.78	1	1.5	APHA 24th Edition 4300-F Method C (Electrode method) 2017
5.	Total Hardness (mg/L)	220	200	600	APHA 24th Edition -2540-TDS Method C (Dried at 180 degree Celsius)
6.	Total Alkalinity (mg/L)	156	200	600	APHA 24th Edition -2320-Alkalinity Method B (Titration method)
7.	Chloride (mg/L)	44	250	1000	APHA 24th Edition -4500-Cl Method B (Argentometric -method)
8.	Calcium (mg/L)	17	75	200	APHA 24th Edition -3500-Ca Method B (EDTA method)
9.	Magnesium (mg/L)	45	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

	Agreeable	Agreeable	Agreeable	
13. Odour				IS 3025 (Part 3), 2018
13. Iron as Fe (mg/L)	0.00	0.3	No relaxation	APHA 24th Edition - 4500-Fe Method B (Phenanthroline Method), 2023
14. Nitrate as NO <sub>3</sub> (mg/L)	05	45	No relaxation	APHA 24th Edition - 4500-NO <sub>3</sub> Method D (UV Screening Method), 2023
15. Sulphate as SO <sub>4</sub> (mg/L)	08	200	400	APHA 24th Edition - 4500-SO <sub>4</sub> Method E (Turbidimetric Method), 2023
16. Conductivity (µS/cm)				APHA 24th Edition - 2510 - B.C 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 ( )



**(Authorised Signatory)**  
**CHEMIST/QUALITY MANAGERT.M**  
**UTTAR PRADESH JAL NIGAM**  
**MATHURA**

**End of the Report**