



# WATER ANALYSIS REPORT

District Level Water Analysis Laboratory, U.P Jal Nigam, Jai Singh Pura  
Mathura – 281004.



TC-10347

जल निगम मथुरा

Report No: 33615

Date: 02 .06.2023

District	Mathura	Block	Mathura
Gram Panchayat	NA	Village	NA
Habitation	Vrindavan	Location	Pt. H.S.R.L Indian public school
Water Source	R.O	Sample No.	01
Quantity of Sample	1000 ml	Date of Collection	01.06.2023
Receiving Date	01.06.2023	Sample Collector	Mr. Narottam Meena
Sample Depositor	Mr. -	Sampling Method	As per IS 17614: Part 1:2021
Analysis Start Date	02.06.2023	Analysis Completion	02.06.2023
Humidity	Upto 56%	Temperature	31.2 ± 3°C

## Technical Data of Analysis

Sr. No.	Analysed parameter	Observed Value	Specified Values as per BIS 10500:2012		Ref. Method of Analysis
			Acceptable Limit	Permissible Limit	
1.	pH	7.136	6.5-8.5	6.5-8.5	IS 3025 (Part11): 2022
2.	Color (Hazen)	3	5	25	Color Method- B (Platinum Cobalt visual Comparison)
3.	Turbidity (NTU)	0.620	2.50	10	IS 3025 (Part 10): 2012 Method-B
4.	TDS (Mg/l)	220	500	2000	APHA 23 <sup>rd</sup> Edition -2540-TDS Method C (Dried at 180° degree)
5.	Chloride (Mg/l)	51	250	1000	Argentometric Method
6.	Total Alkalinity (Mg/l)	59	200	800	IS 3025 (Part 23): 2008 (Titration Method)
7.	Total Hardness (Mg/l)	84	300	600	IS 3025 (Part 21): 2009
8.	Fluoride (Mg/l)	0.221	1.0	1.5	IS 3025 (Part 60): 2008 (Electro, Chem, Probe Method)
9.	Residual Chlorine (Mg/l)	0.0	0.20	1.00	-
10.	Calcium(Mg/l)	-	75	200	IS 3025 (Part 40): 2003
11.	Magnesium(Mg/l)	-	30	100	IS 3025 (Part 40): 2003
12.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)
13.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 7-8)

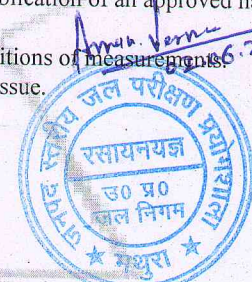
### Note:

- All Parameter are in NABL Scope *ISO/IEC 17025: 2017*
- This certificate refers only to the Particular sample submitted for testing.
- This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved has been obtained from Head of Laboratory.
- 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 7 days (in case of non-perishable items only) from the date of issue.

### Result:

- Pass ( ✓ )  
 Fail ( )

Prepared by



**CHEMIST**  
(Authorized Signatory)  
District Level Water Testing Laboratory  
Mathura-281004

End of Report