



WATER ANALYSIS REPORT

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



जल निगम मथुरा

TC-10347

Report No: - 33560

Date:-17.04.2023

District : Mathura
Gram Panchayat : Mathura
Sample Depositor : Dr. Neeta Singh
Location : Ratan Lal Phool Katori Devi Sr. Sec. School Saraswati
Balika Vidhya Mandir Goverdhan Road Mathura
Receiving Date : 15/04/23
Sample Collector : Nirottam Meena

Block : Mathura
Village : Mathura City
Water Source : RO Water
Sample No. : 01
Analysis Date : 17/04/2023
Quantity of Sample : 1000 ml
Temperature : $30.8 \pm 3^\circ \text{C}$

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*	7.021	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022
2.	Color* (Hazen)	5	5	25	APHA 23 rd Edition Color 2120.8 Visual Comparison method)
3.	Turbidity* (NTU)	0.198	2.50	10	IS 3025 (Part 10): 2017
4.	TDS* (Mg/l)	282	500	2000	APHA 23 rd Edition -2540-TDS Method C (Dried at 180° degree)
5.	Chloride* (Mg/l)	90	250	1000	IS 3025 (Part 32): 2012 (Argentometric Method)
6.	Total Alkalinity* (Mg/l)	120	200	800	IS 3025 (Part 23): 2008 (Indicator Method)
7.	Total Hardness* (Mg/l)	72	200	600	IS 3025 (Part 21): 2009 (EDTA titrimetric Method)
8.	Fluoride* (Mg/l)	0.145	1.0	1.5	APHA 23 rd Edition 4500-F Method C (Electrode method) 2017
9.	Calcium(as Ca)* (Mg/l)	12	75	200	IS 3025 (Part 40): 2019 (EDTA titrimetric Method)
10.	Magnesium(as Mg)* (Mg/l)	15	30	100	IS 3025 (Part 46): 2019
11.	Odour*	Un-objectionable	Un-objectionable	Un-objectionable	IS 3025 (Part 5): 2018
12.	Taste*	Agreeable	Agreeable	Agreeable	IS 3025 (Part 7-8): 1984

Note:

1. Parameter Contain (*) Symbol are in the NABL Scope ISO/IEC 17025: 2017
2. This certificate refers only to the Particular sample submitted for testing.
3. 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.
4. The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
5. Sample will be stored up to 15 days (in case of non-perishable items only) from the date of issue.

Result:

☒ Pass ()
☒ Fail ()

Aman Verma

CHEMIST

(Authorized Signatory)

District Level Water Testing Laboratory
Mathura-281004

REPORT PREPARED BY