

Water Analysis Report



District Level Water Analysis Laboratory
UP Jal Nigam (Rural) - Mau
 Office of the Executive Engineer, Division office
 UP Jal Nigam (Rural), Mau- 275101

Report No.: TC/MAU/26/013

Date: 23.01.2026

No. of Pages: 1

Customer Details

Office Name and Address

Little flower International school, Khalispur Adari - Mau

Basic Details of Sample

District	Mau	Block	Kopaganj
Habitation	School Campus	Location	Khalispur
Water Source	RO	Sample Code	MAU/26/01/13
Quantity of Sample	1000 ml (Normal)	Sampling date	20.01.2026
Sample Received Date	20.01.2026	S. collected by	By Client
Sampling Method Used	As per client	Sample Depositor	By Client
Analysis Start Date	20.01.2026	Analysis Completion date	23.01.2026
Temperature(°C)	23°C	Humidity (%)	60%

S. No.	Analysed Parameters	Unit	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
1.	Colour	(Hazen)	<5	5	15	APHA 24th Edition-2120
2.	pH	-	7.46	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022
3.	Turbidity	NTU	0.20	1	5	IS 3025 (Part 10):2023
4.	Total Dissolved Solids	mg/l	269	500	2000	IS 3025 (Part 16): 2024
5.	Total Hardness (as CaCO3)	mg/l	160	200	600	IS 3025 (Part 21): 2023
6.	Calcium (as Ca)	mg/l	33.6	75	200	IS 3025 (Part 40): 2019
7.	Magnesium (as Mg)	mg/l	26.2	30	100	IS 3025 (Part 46): 2024
8.	Chloride (as Cl)	mg/l	13.9	250	1000	IS 3025 (Part 32): 2019
9.	Total Alkalinity (as CaCO3)	mg/l	162	200	600	IS 3025 (Part 23): 2023
10.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8): 2023
11.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
12.	Sulphate (as SO4)	mg/l	3.31	200	400	APHA 24th Edition-4500-SO4 Method E (Turbidimetric Method): 2023
13.	Nitrate (as NO3)	mg/l	0.28	45	No relaxation	APHA 24th Edition-4500-NO3 Method B (UV Screening Method): 2023
14.	Iron (as Fe)	mg/l	BDL	1.0	No relaxation	3500-Fe Method B APHA 24th Ed (Phenanthroline method)
15.	Fluoride (as F)	mg/l	BDL	1.0	1.5	APHA 24th Edition-4500-F Method C (Ion-Selective Electrode Method): 2023

Note:

- This certificate refers only to the particular sample(s) submitted for analysis.
- This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract 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(s) will be stored up to 07 days (in case of non-perishable items only) from the date of issue of analysis reports, unless otherwise specified.
- Parameters above Permissible Limit are written in bold. (BDL=Below detection limit)
- Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.
- Sample is not collected by Lab.

(Report Authorized by)
 (Suzfan Jahan)

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****END OF THE ANALYSIS REPORT****