

Water Analysis Report



District Level Water Analysis Laboratory

UP Jal Nigam (Rural) -Mau

Office Executive Engineer Construction Division
UP Jal Nigam (Rural), Mau- 275101



TC-12065

Report No.: TC/MAU/25/39

Date: 17.05.2025

No. of Pages: 1

Customer Details

Office Name and Address Chandra International school, Chakmehndi, Pal Nagar, Maunath Bhanjan, Mau

Basic Details of Sample

District		Mau	Block		-	
Gram Panchayat		-	Village		-	
Habitation		School campus Tap	Location		School campus	
Water Source		B.W.	Sample Code		MAU/25/05/032	
Quantity of Sample		1000 ml (Normal)	Sampling date		13.05.2025	
Sample Received Date		13.05.2025	S. collected by		By Client	
Sampling Method Used		Client scope	Sample Depositor		By Client	
Analysis Start Date		13.05.2025	Analysis Completion date		16.05.2025	
Temperature(°C)		27°C	Humidity (%)		50%	
S. No.	Analyzed 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.	pH	-	7.03	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022
2.	Turbidity	NTU	1.10	1	5	IS 3025 (Part 10):2023
3.	Total Dissolved Solids	mg/l	485	500	2000	IS 3025 (Part 16): 2024
4.	Total Hardness (as CaCO3)	mg/l	260	200	600	IS 3025 (Part 21): 2023
5.	Calcium (as Ca)	mg/l	54.5	75	200	IS 3025 (Part 40): 2019
6.	Magnesium (as Mg)	mg/l	49.9	30	100	IS 3025 (Part 46): 2024
7.	Chloride (as Cl)	mg/l	40.9	250	1000	IS 3025 (Part 32): 2019
8.	Total Alkalinity (as CaCO3)	mg/l	264	200	600	IS 3025 (Part 23): 2023
9.	Nitrate* (as NO3)	mg/l	3.9	45	No relaxation	APHA 24rd Edition-4500-NO3 Method B (UV Screening Method): 2023
10.	Iron* (as Fe)	mg/l	0.26	1.0	No relaxation	3500-Fe Method B APHA24th Ed (Phenanthroline method)
11.	Fluoride* (as F)	mg/l	0.10	1.0	1.5	APHA 24rd Edition-4500-F Method C (Ion-Selective Electrode Method) : 2023

Note:

1. This certificate refers only to the particular sample(s) submitted for analysis.
2. 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.
3. The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
4. 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.
5. Parameters above Permissible Limit are written in **bold**.
6. Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.
7. Sample is not Collected by Lab.
8. Star (*) Indicate parameters are not under NABL accreditation.

(Report prepared by)

(Report Authorized by)
(Simran Jahan)

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