

Water Analysis Report



Regional Water Analysis Laboratory

(An NABL Accredited Laboratory)

Ganga Pollution Control Unit Campus,
U. P. Jal Nigam (Rural), Bhagwanpur, Lanka,
Varanasi-221005



NABL T0826UP19005

Report No.: C/VNS/AUG26/00022	Date: 20.08.2026	No. of Pages: 1
Customer Details		
Office Name and Address	M.P Memorial School & Hostel, Kandwa, Varanasi	
Ref. Letter No. & Date	MPM/028/Water-Testing/2026-27	Date: 12.08.2026
Basic Details of Sample		
District	Varanasi	Block
Gram Panchayat	NA	Village
Habitation	NA	Location
Water Source	Submersible	Sample Code
Quantity of Sample	1000 mL (Normal)	Sampling date
Sample Received Date	12.08.2026	S. collected by
Sampling Method Used	NA	Sample Depositor
Analysis Start Date	13.08.2026	Analysis Completion date

Temperature-25.4°C, Humidity- 64%

Test Result					
S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	pH	7.35	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
2	Turbidity (NTU)	0.54	1	5	IS 3025 (Part 10):2024 (Nephelometric method)
3	Total Dissolved Solids, mg/l	446.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
4	Chloride (as Cl), mg/l	35.04	250	1000	IS 3025 (Part 32): 2025 Argentometric method
5	Total Alkalinity, (as CaCO ₃) mg/l	356.00	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
6	Total Hardness, (as CaCO ₃) mg/l	270.00	200	600	IS 3025 (Part 21): 2023 (EDTA method)
7	Calcium (as Ca), mg/l	46.52	75	200	IS 3025 (Part 40): 2024 EDTA Titrimetric method
8	Magnesium (as Mg), mg/l	36.96	30	100	IS 3025 (Part 46): 2023 (Volumetric method)
9	Sulphate (as SO ₄), mg/l	13.09	200	400	APHA 24th Edition -4500-SO ₄ Method E (Turbidimetric Method): 2023
10	Nitrate (as NO ₃), mg/l	12.17	45	No relaxation	APHA 24th Edition -4500- NO ₃ Method B (UV Screening Method): 2023
11	Fluoride (as F), mg/l	0.26	1.0	1.5	APHA 24th Edition -4500-F Method C (Ion-Selective Electrode Method) : 2023
12	Iron (as Fe), mg/l	0.11	1.0	No relaxation	APHA 24th Edition -3500-Fe Method B (Phenanthroline Method) : 2023

BDL-Below Detection Limit, NA- Not Analysed

- 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 analysis 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 03 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. Source is not verified by the Lab

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

