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

TC-12993

Report No.: C/VNS/11/2025/0000017	Date: 27.11.2025	No. of Pages: 1

Customer Details

Office Name and Address	Sunbeam School & Hostel, Varuna, Central Jail Road, Varuna, Varanasi
Ref. Letter No. & Date	NA Date: 22.11.2025

Basic Details of Sample

District	Varanasi	Block	NA
Gram Panchayat	NA	Village	NA
Habitation	NA	Location	School Campus, Varuna, Varanasi
Water Source	Ro Water	Sample Code	VNS/NOV25/00017
Quantity of Sample	1000 mL (Normal)	Sampling date	24.11.2025
Sample Received Date	24.11.2025	S. collected by	Mr Sambhoo Rai
Sampling Method Used	NA	Sample Depositor	Mr Sambhoo Rai
Analysis Start Date	26.11.2025	Analysis Completion date	26.11.2025

Temperature- 24.8°C, Humidity- 52%

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	7.34	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
2	Turbidity (NTU)	1.57	1	5	IS 3025 (Part 10):2023 (Nephelometric method)
3	Total Dissolved Solids, mg/l	170.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
4	Chloride (as Cl), mg/l	23.69	250	1000	IS 3025 (Part 32): 2019 Argentometric method
5	Total Alkalinity, (as CaCO3) mg/l	118.67	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
6	Total Hardness, (as CaCO3) mg/l	24.67	200	600	IS 3025 (Part 21): 2019 (EDTA method)
7	Calcium (as Ca), mg/l	6.68	75	200	IS 3025 (Part 40): 2019 EDTA Titrimetric method
8	Magnesium (as Mg), mg/l	1.92	30	100	IS 3025 (Part 46): 2023 (Volumetric method)
9	Sulphate (as SO4), mg/l	11.81	200	400	APHA 24rd Edition -4500-SO4 Method E (Turbidimetric Method): 2023
10	Nitrate (as NO3), mg/l	9.07	45	No relaxation	APHA 24rd Edition -4500- NO3 Method B (UV Screening Method): 2023
11	Fluoride (as F), mg/l	0.27	1.0	1.5	APHA 24rd Edition -4500- NO3 Method B (UV Screening Method): 2023
12	Iron (as Fe), mg/l	BDL (<0.1)	1.0	No relaxation	APHA 24rd Edition -3500-Fe Method B (Phenanthroline Method) : 2023

All These parameters are under NABL Scope, 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 07 days (in case of non-perishable items only) from the date of issue of analysis reports, unless otherwise specified.
5. Parameters above Permisible 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.**

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(Report prepared by)

VIVEK KUMAR
(Report Reviewed & Authorized by)

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