



Regional Water Analysis Laboratory

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



TC-12992

Report No.: C/VNS/2025/000043	Date: 08.05.2025	No. of Pages: 1
Customer Details		
Office Name and Address	SUNBEAM SCHOOL ANNAPURNA, ANNAPURNA NAGAR, VARANASI	
Ref. Letter No. & Date	NA Date: 15.04.2025	
Basic Details of Sample		
District	Varanasi	Block NA
Gram Panchayat	NA	Village NA
Habitatation	NA	Location M.G.K.V.P., Road, Varanasi
Water Source	RO Water	Sample Code VNS/APR25/0043
Quantity of Sample	1000 mL (Normal)	Sampling date 15.04.2025
Sample Received Date	21.04.2025	S. collected by Mr Satyudev Upadhyay
Sampling Method Used	NA	Sample Depositor Mr Satyudev Upadhyay
Analysis Start Date	25.04.2025	Analysis Completion date 25.04.2025

Temperature- 25.8°C, Humidity- 50%

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	7.15	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method IS 3025 (Part 10):2023
2	Turbidity (NTU)	1.00	1	5	(Nephelometric method)
3	Total Dissolved Solids, mg/l	99.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
4	Chloride (as Cl), mg/l	3.34	250	1000	IS 3025 (Part 32): 2019 Argentometric method
5	Total Alkalinity, (as CaCO ₃) mg/l	30.67	200	600	IS 3025 (Part 23): 2023
6	Total Hardness, (as CaCO ₃) mg/l	11.33	200	600	(Potentiometric and Indicator method)
7	Calcium (as Ca), mg/l	1.34	75	200	IS 3025 (Part 21): 2019 (EDTA method)
8	Magnesium (as Mg), mg/l	1.92	30	100	EDTA Titrimetric method
9	Sulphate (as SO ₄), mg/l	1.37	200	400	IS 3025 (Part 46): 2023 (Volumetric method) APHA 24rd Edition -4500-SO4 Method E (Turbidimetric Method): 2023
10	Nitrate (as NO ₃), mg/l	BDL	45	No relaxation	APHA 24rd Edition -4500- NO3 Method B (UV Screening Method): 2023
11	Fluoride (as F), mg/l	BDL	1.0	1.5	APHA 24rd Edition -4500-F Method C (Ion-Selective Electrode Method) : 2023
12	Iron (as Fe), mg/l	BDL	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 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.

Satyudev Upadhyay
VNS KUMAR

(Report prepared & Reviewed by)

Satyudev Upadhyay
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Report Authorized By
Quality Manager

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