



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



Report No.: C/VNS/2025/000386	Date: 25/04/2025	No. of Pages: 2	
Customer Details			
Office Name and Address	RS World School, Khajuri, Rajatalab, Varanasi		
Ref. Letter No. & Date	NA		
Date: 25/04/2025			
Basic Details of Sample			
District	Varanasi	Block	NA
Gram Panchayat	NA	Village	NA
Habitation	NA	Location	Rajatalab, Varanasi
Water Source	RO Water	Sample Code	VNS/APP25/00386
Quantity of Sample	1000 mL (Normal)	Sampling date	24/04/2025
Sample Received Date	24/04/2025	S. collected by	Mr Pradeep K. Pandey
Sampling Method Used	NA	Sample Descriptor	Mr Pradeep K. Pandey
Analysis Start Date	25/04/2025	Analysis Completion date	25/04/2025

Test Result					
S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Method 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 3125 (Part 1): 2022, Potentiometric Method
2	Turbidity (NTU)	1.38	1	5	IS 3125 (Part 1): 2022, Nephelometric method
3	Total Dissolved Solids, mg/l	60.00	500	2000	IS 3125 (Part 1): 2022, Gravimetric method
4	Chloride (as Cl), mg/l	7.67	250	1000	IS 3125 (Part 1): 2022, Mercurimetric method
5	Total Alkalinity, (as CaCO ₃) mg/l	27.33	200	500	IS 3125 (Part 1): 2022, Potentiometric method
6	Total Hardness, (as CaCO ₃) mg/l	9.33	200	500	IS 3125 (Part 1): 2022, Potentiometric and Inductometric method
7	Calcium (as Ca), mg/l	BDL	75	200	IS 3125 (Part 1): 2022, EDT method
8	Magnesium (as Mg), mg/l	BDL	30	100	IS 3125 (Part 1): 2022, Volumetric method
9	Sulphate (as SO ₄), mg/l	1.91	200	400	APHA 24th Edition 4500 SO ₄ Method E (Turbidimetric Method): 2023
10	Nitrate (as NO ₃), mg/l	BDL	45	No relaxation	APHA 24th Edition 4500 NO ₃ Method B (UV Screening Method): 2023
11	Fluoride (as F), mg/l	0.11	1.0	1.5	APHA 24th Edition 4500 F Method C (Ion-Selective Electrode Method): 2023
12	Iron (as Fe), mg/l	BDL	1.0	No relaxation	APHA 24th Edition 8100-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 measurement.

4. Sample(s) will be stored up to 07 days (in case of non-perishable items only) from the date of issue of analysis report, 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.

Principal
RS World School
Khajuri, Rajatalab
Varanasi

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