

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/06/2025/0000090

Date: 20.06.2025

No. of Pages: 1

Customer Details

Office Name and Address: Happy Model School, Vill- Kurahuan, Akhari Bypass, Chunar Road, Bachchhaon Bazar, Varanasi-221011
Ref. Letter No. & Date: HMS/SDWSC/2025-26 Date: 17.06.2025

Basic Details of Sample

District	Varanasi	Block	Kashi Vidyapeeth
Gram Panchayat	NA	Village	Kurahuan
Habitation	NA	Location	Opp. Bachchhaon Bazar, Varanasi
Water Source	RO Water	Sample Code	VNS/JUN25/000090
Quantity of Sample	1000 mL (Normal)	Sampling date	17.06.2025
Sample Received Date	17.06.2025	S. collected by	Mr Rajiv Kumar Tripathi
Sampling Method Used	NA	Sample Depositor	Mr Rajiv Kumar Tripathi
Analysis Start Date	19.06.2025	Analysis Completion date	19.06.2025

Temperature: 25.3°C, Humidity: 50%

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	7.38	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method IS 3025 (Part 10): 2023 (Nephelometric method)
2	Turbidity (NTU)	2.40	1	5	IS 3025 (Part 16): 2023 (Gravimetric method) IS 3025 (Part 32): 2019 Argentometric method
3	Total Dissolved Solids, mg/l	190.00	500	2000	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
4	Chloride (as Cl), mg/l	18.69	250	1000	IS 3025 (Part 21): 2019 (HDA method) IS 3025 (Part 45): 2019 EDTA Titrimetric method
5	Total Alkalinity, (as CaCO ₃) mg/l	123.33	200	600	IS 3025 (Part 46): 2023 (Volumetric method) APHA 24th Edition - 4500-SCl Method E (Turbidimetric Method): 2023
6	Total Hardness, (as CaCO ₃) mg/l	111.33	200	600	APHA 24th Edition - 4500-ClO ₂ Method B (UV Screening Method): 2023
7	Calcium (as Ca), mg/l	35.02	75	200	APHA 24th Edition - 4500-Fe Method C (Ion-Selective Electrode Method): 2023
8	Magnesium (as Mg), mg/l	5.76	30	100	APHA 24th Edition - 3500-Fe Method B (Phenanthroline Method): 2023
9	Sulphate (as SO ₄), mg/l	4.71	200	400	
10	Nitrate (as NO ₃), mg/l	3.93	45	No relaxation	
11	Fluoride (as F), mg/l	0.14	1.0	1.5	
12	Iron (as Fe), mg/l	BDL (<0.1)	1.0	No relaxation	

All These parameters are under NABL Scope, BDL-Below Detection Limit, NA- Not Analysed

- Note:**
- This certificate refers only to the particular sample(s) submitted for analysis.
 - 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.
 - The analysis results reported in this certificate are valid at the time of and under the stated conditions of measurements.
 - 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.
 - Parameters above Permissible Limit are written in **bold**.
 - Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.
 - Sample is not Collected by Lab.

ABHAY KUMAR PANDEY
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VIVEK KUMAR
(Report Reviewed by)



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

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