

Water Analysis Report



Regional Water Analysis Laboratory

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

Report No.: C/VNS/JUNE26/00002		Date: 05.06.2026		No. of Pages: 1	
Customer Details					
Office Name and Address		Swargiya Ramvilas Singh Shikshan Sanstha Vidyalaya,Vill-Bhelkha,Post-Chamaon, Pindra,Varanasi-221003			
Ref. Letter No. & Date		144/CBSE/2026-27		Date: 02.06.2026	
Basic Details of Sample					
District	Varanasi	Block	Pindra		
Gram Panchayat	Bhelakha	Village	Chamaon		
Habitation	NA	Location	School Compus, Bhelkha, Varanasi		
Water Source	Submersible	Sample Code	VNS/JUNE26/00002		
Quantity of Sample	2000 mL (Normal)	Sampling date	01.06.2026		
Sample Received Date	01.06.2026	S. collected by	Mr Banti Kumar Singh		
Sampling Method Used	NA	Sample Depositor	Mr Banti Kumar Singh		
Analysis Start Date	02.06.2026	Analysis Completion date		02.06.2026	
Temperature-26.5°C, Humidity- 69%					

Temperature-26.5°C, Humidity- 69%

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	7.51	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
2	Turbidity (NTU)	0.52	1	5	IS 3025 (Part 10):2023 (Nephelometric method)
3	Total Dissolved Solids, mg/l	196.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
4	Chloride (as Cl), mg/l	15.02	250	1000	IS 3025 (Part 32): 2019 Argentometric method
5	Total Alkalinity, (as CaCO ₃) mg/l	150.00	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
6	Total Hardness, (as CaCO ₃) mg/l	124.00	200	600	IS 3025 (Part 21): 2019 (EDTA method)
7	Calcium (as Ca), mg/l	44.91	75	200	IS 3025 (Part 40): 2019 EDTA Titrimetric method
8	Magnesium (as Mg), mg/l	2.88	30	100	IS 3025 (Part 46): 2023 (Volumetric method)
9	Sulphate (as SO ₄), mg/l	3.37	200	400	APHA 24rd Edition -4500-SO ₄ Method E (Turbidimetric Method): 2023
10	Nitrate (as NO ₃), mg/l	2.15	45	No relaxation	APHA 24rd Edition -4500- NO ₃ Method B (UV Screening Method): 2023
11	Fluoride (as F), mg/l	0.12	1.0	1.5	APHA 24rd Edition -4500-F Method C (Ion-Selective Electrode 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

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.
8. Source is not verified by the Lab

ABHAY KUMAR PANDEY
(Report prepared by)

(Report Authorized & Reviewed by)

Laboratory Contact detail:

Email: aroupjn@gmail.com

Mobile No.:8400202287

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

