

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/06/2025/0000134

Date: 26.06.2025

No. of Pages: 1

Office Name and Address

Customer Details

Ref. Letter No. & Date

B.S.R.N International School, Faridpur, Sarnath, Varanasi-221007

NA

Date: 23.06.2025

District

Basic Details of Sample

Gram Panchayat

Varanasi

Block

Chiragaon

Habitation

Faridpur

Village

Faridpur

Water Source

NA

Location

Faridpur, Sarnath, Varanasi

Quantity of Sample

1000 mL (Normal)

Sampling date

23.06.2025

Sample Received Date

23.06.2025

S. collected by

Mr Anil Kumar Yadav

Sampling Method Used

NA

Sample Depositor

Mr Anil Kumar Yadav

Analysis Start Date

24.06.2025

Analysis Completion date

24.06.2025

Temperature- 25.5°C, Humidity- 49%

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	7.37	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
2	Turbidity (NTU)	1.24	1	5	IS 3025 (Part 10): 2023 (Nephelometric method)
3	Total Dissolved Solids, mg/l	72.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
4	Chloride (as Cl), mg/l	8.68	250	1000	IS 3025 (Part 32): 2019 Argentometric method
5	Total Alkalinity, (as CaCO ₃) mg/l	33.33	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
6	Total Hardness, (as CaCO ₃) mg/l	14.67	200	600	IS 3025 (Part 21): 2019 (EDTA method)
7	Calcium (as Ca), mg/l	3.48	75	200	IS 3025 (Part 40): 2019 EDTA/ Titrimetric method
8	Magnesium (as Mg), mg/l	1.44	30	100	IS 3025 (Part 46): 2023 (Volumetric method)
9	Sulphate (as SO ₄), mg/l	1.78	200	400	APHA 24th Edition - 1505 SO4 Method E (Turbidimetric Method): 2023
10	Nitrate (as NO ₃), mg/l	4.37	45	No relaxation	APHA 24th Edition - 1500 NO3 Method B (UV Screening Method): 2023
11	Fluoride (as F), mg/l	BDL (<0.1)	1.0	1.5	APHA 24th Edition - 1501 F Method C (Ion-Selective Electrode Method): 2023
12	Iron (as Fe), mg/l	BDL (<0.1)	1.0	No relaxation	APHA 24th Edition - 3500-Fe Method B (Pheanthroline 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.

ABHIJAY KUMAR PANDLY
(Report prepared by)

Vivek Kumar
(Report Reviewed by)



Laboratory Contact detail:

Email: arupjn@gmail.com

Mobile No.: 8400202287

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

MANAGER

**B.S.R.N. INTERNATIONAL SCHOOL
FARIDPUR, SARNATH, VARANASI**

PRINCIPAL

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