# 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/APR26/124 | Date: 27.04.2026 | No. of Pages: 1 |
|---|---|---|

**Customer Details**

| | |
|---|---|
| Office Name and Address | S.B.L.K Memorial Oxford English School, A 36/51 D-1, Kazzakpura, Varanasi |
| Ref. Letter No. & Date | NA Date: 21.04.2026 |

**Basic Details of Sample**

| | | | |
|---|---|---|---|
| District | Varanasi | Block | Kashi Vidyapeeth |
| Gram Panchayat | NA | Village | NA |
| Habitation | NA | Location | School Campus, Kazzakpura, Varanasi |
| Water Source | Tap Water | Sample Code | VNS/APR26/124 |
| Quantity of Sample | 1000 mL (Normal) | Sampling date | 21.04.2026 |
| Sample Received Date | 21.04.2026 | S. collected by | Mr Mukesh |
| Sampling Method Used | NA | Sample Depositor | Mr Mukesh |
| Analysis Start Date | 24.04.2026 | Analysis Completion date | 24.04.2026 |

Temperature- 24.9°C, Humidity- 70%

**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 | 8.05 | 6.5-8.5 | 6.5-8.5 | IS 3025 (Part 11): 2022, Electrometric Method |
| 2 | Turbidity (NTU) | 2.00 | 1 | 5 | IS 3025 (Part 10):2023 (Nephelometric method) |
| 3 | Total Dissolved Solids, mg/l | 132.00 | 500 | 2000 | IS 3025 (Part 16): 2023 (Gravimetric method) |
| 4 | Chloride (as Cl), mg/l | 9.01 | 250 | 1000 | IS 3025 (Part 32): 2019 Argentometric method |
| 5 | Total Alkalinity, (as CaCO3) mg/l | 30.00 | 200 | 600 | IS 3025 (Part 23): 2023 (Potentiometric and indicator method) |
| 6 | Total Hardness, (as CaCO3) mg/l | 12.00 | 200 | 600 | IS 3025 (Part 21): 2019 (EDTA method) |
| 7 | Calcium (as Ca), mg/l | BDL (>5) | 75 | 200 | IS 3025 (Part 40): 2019 EDTA Titrimetric method |
| 8 | Magnesium (as Mg), mg/l | BDL (>5) | 30 | 100 | IS 3025 (Part 46): 2023 (Volumetric method) |
| 9 | Sulphate (as SO4), mg/l | 27.93 | 200 | 400 | APHA 24rd Edition -4500-SO4 Method E (Turbidimetric Method): 2023 |
| 10 | Nitrate (as NO3), mg/l | BDL(<0.2) | 45 | No relaxation | APHA 24rd Edition -4500- NO3 Method B (UV Screening Method): 2023 |
| 11 | Fluoride (as F), mg/l | 0.15 | 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 Permisible 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 verrified by the Lab**

ABHAY KUMAR PANDEY
(Report prepared by)

VIVEK KUMAR
(Report Authorized & Reviewed by)

Regional Water Analysis Laboratory ★ UPJN, Varanasi ★ Quality Manager

**Laboratory Contact detail:** Email: aroupjn@gmail.com Mobile No.:8400202287

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