



## Analysis Report

### District Level Water Analysis Laboratory

Uttar Pradesh Jal Nigam, Rural, 100 H-Block, Gujaini, District  
Kanpur Nagar, Pin- 208022

TC no. - 12364

Rept No.	1	Date	6/08/2025	Page No.	1
Customer Details					
Customer Name and Address	Shri Ram International School 1450, Nandana, Patarsha, Ghatampur, Kanpur Nagar				
Ref Letter No. & Date	-				
Sampling Method ISO 17614 (Part – 1):2021	Sample Description – Tubewell				
Basic Details of Sample					
District	Kanpur Nagar	Block	Ghatampur		
Gram Panchayat	Patarsha	Village	Nandana		
Habitation	-	Location	Shri Ram International School 1450, Ghatampur		
Water Source	Tubewell no- 2	Sample Code	K/25/07/1D		
Quality of Sample	Normal/Acidic	Date of S.C.	4/08/2025		
Receiving Date	5/08/2025	S. Collector	Avdhesh Kumar		
Sample Depositor	Avdhesh Kumar	Analysis Start Date	6/08/2025	Analysis Completion Date	6/08/2025
Technical Data of Analysis					
S. No.	Analyzed parameters (Unit of Measurement)	Observed Value	Specified Values as per BIS		Ref. Method of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	pH @25°C	7.45	6.5-8.5	6.5-8.5	IS 3025 (Part II): 2023 (Electrometric Method)
2	Turbidity (NTU)	3.34	1.00	5.00	IS 3025 (Part 10): 2023 (Nephelometric Method)
3	TDS, mg/l	536.8	500	2000	IS 3025 (Part 16): 2023 (Gravimetric Method)
4	Chloride (as Cl), mg/l	100	250	1000	IS 3025 (Part 32): 2023 (Titration Method)
5	Total Alkalinity (as Na <sub>2</sub> CO <sub>3</sub> ), mg/l	250	200	600	IS 3025 (Part 23): 2023 (Titration Method)
6	Total Hardness (as CaCO <sub>3</sub> ), mg/l	220	200	600	IS 3025 (Part 21): 2023 (Titration Method)
7	Calcium (as Ca), mg/l	90	75	200	IS 3025 (Part 40): 2023
8	Magnesium (as Mg), mg/l	27.98	30	100	IS 3025 (Part 46): 2023
9	Sulphate (as SO <sub>4</sub> ), mg/l	39.56	200	400	APHA 24 <sup>th</sup> Ed 2023, 4500-SO <sub>4</sub> (E. Turbidimetric Method)
10	Nitrate (as NO <sub>3</sub> ), mg/l	10.34	45	No Relaxation	APHA 24 <sup>th</sup> Ed 2023, 4500-NO <sub>3</sub> (B. Ultraviolet Spectrophotometric Screening Method)
11	Fluoride (as F), mg/l	0.176	1.0	1.5	APHA 24 <sup>th</sup> Ed 2023, 4500-F (C. Ion Selection Electrode Method)
12	Iron (as Fe), mg/l	0.26	1.0	No Relaxation	APHA 24 <sup>th</sup> Ed 2023, 3500-Fe (B. Phenanthroline Method)
13	Colour	5	SHU	SHU	APHA 24 <sup>th</sup> Ed 2023 Colour Method (Platinum cobalt Visual Comparison) 2017
14	Taste	-	Qualitative	-	IS 3025 (Part 08): 2023
15	Odour	-	Qualitative	-	IS 3025 (Part 05): 2018

**Note**

- 1. This Certificate refers only to the particular sample(s) submitted for testing.
- 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 test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
- 4. Sample will be stored up to 07 days (in case of non-perishable items only) from the date of issue of tests reports unless otherwise specified.
- 5. Test performed at 25 ± 3°C temperature and 50 ± 15% relative humidity.

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End Of Report



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