



Analysis Report

District Level Water Analysis Laboratory



TC no. - 12364

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

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/Acitic	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 ₂ CO ₃), mg/l	250	200	600	IS 3025 (Part 23): 2023 (Titration Method)
6	Total Hardness (as CaCO ₃), 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 ₄), mg/l	39.56	200	400	APHA 24 th Ed 2023, 4500-SO ₄ (E. Turbidimetric Method)
10	Nitrate (as NO ₃), mg/l	10.34	45	No Relaxation	APHA 24 th Ed 2023, 4500-NO ₃ (B. Ultraviolet Spectrophotometric Screening Method)
11	Fluoride (as F), mg/l	0.176	1.0	1.5	APHA 24 th Ed 2023, 4500-F (C. Ion Selection Electrode Method)
12	Iron (as Fe), mg/l	0.26	1.0	No Relaxation	APHA 24 th Ed 2023, 3500-Fe (B Phenanthroline Method)
13	Colour	5	5HU	15HU	APHA 24 th 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.					
 Prepared by (Archana kumari) chemist			 Authorized Signatory (Archana Kumari) Quality/Technical Manager Contact No. - +91 - 7561920301		



End Of Report