



### Analysis Report

## District Level Water Analysis Laboratory, U.P. Jal Nigam Sultanpur road ( Rahi) Raebareli



Report No.	Chemical Test/19330/2024-2025	Date: 16.05.2025	S.No : 01	Page No	1	page 1/1
ULR No :	TC144912500000015F					

#### Customer Details

Office Name and Address	SJS Public School Gurubuxganj,Raebareli
Ref Letter No & Date	14.05.2025

#### Basic Details Of Sample

District	Raebareli	Block	Sataon
Gram Panchayat	Chande Mau	Village	Chandemau
Habitation	Chande Mau	Location	SJS Public School Gurubuxganj Raebareli
Water Source	Submersible Pump	Sample No.	19330
Quality of Sample	1000ml.	Date of S.C.	14.05.2025
Receiving Date	14.05.2025	S. Collector	Mr. Sanjay Tiwari
Sample Depositer	Mr. Sanjay Tiwari		
Analysis Start Date	14.05.2025	Analysis Completion Date	16.05.2025

#### Environmental Condition

Temperature	25± 3°C	Relative Humidity	Upto 50± 15%
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#### Technical Data of Analysis

S.No.	Analysed parameters	Unit of Measurement	Observed Value	Specified Values as per IS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	2		3	4	5	6
1	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5):2018
2	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8):2023
3	Colour	HZ	5.000	5	15	Apha 24 <sup>th</sup> Edition -2120 Colour method B (Platinum Cobalt Visual Comparison)
4	pH @ 24.5° C	-	8.200	6.5-8.5	6.5-8.5	IS 3025 (Part II) : 2012 (RA :2022)
5	Turbidity	NTU	0.200	1.00	5.00	IS 3025 (Part 10) : 2023
6	TDS	mg/L	142.000	500	2000	IS 3025 (Part 16) : 2023
7	Chloride	mg/L	22.500	250	1000	IS 3025 (Part 32) : 2014 (RA : 2019)
8	Total Alkalinity	mg/L	105.000	200	600	IS 3025 (Part 23) : 2023
9	Total Hardness	mg/L	125.000	200	600	IS 3025 (Part 21) : 2009 (RA : 2019)
10	Sulphate	mg/L	1.852	200	400	APHA 24 <sup>th</sup> Edition-45-SO4 Method E ( Turbidimetric Method)
11	Calcium as (Ca)	mg/L	8.000	75	200	IS 3025 (Part 40):1991
12	Magnesium as (Mg)	mg/L	25.200	30	100	IS 3025 (Part 46) : 1994 (RA: 2003)
13	Iron	mg/L	0.105	1.00	1.00	APHA 24 <sup>th</sup> Edition -3500-Fe Method B ( Phenanthroline Method)
14	Nitrate	mg/L	2.136	45	45	APHA 24 <sup>th</sup> Edition -4500-NO3 Method B ( UV Screening Method)

- 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 15 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.
  5. Sample Collection was submitted by the customer, It's only Tested in Laboratory.
  - 6 The Result apply to the Sample as Received.

Authorized Signatory

Umesh Kumar

Technical Manager

\*\* End Of Test Report\*\*

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