



Test Report

District water Analysis Laboratory UP Jal Nigam(Rural)

MIG II 11&12 Jamunipur Colony

Sant Ravidas Nagar (Bhadohi)-221409



TC-13627

Report No.	Test Report / Exe .Eng. Con .Divi. / Chemical Test /14/2025-26	Issue Date	28/06/2025	Page No	1 of 2
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Customer Details

Office Name and Address	Narayan Global School Katebana Bhadohi
Ref Letter No & Date	-

Basic details of sample

District	Sant Ravidas Nagar Bhadohi	Block	Bhadohi
Gram Panchyat	Katebana	Village	Katebana
Habitation	-	Location	Katebana
Water Source	Submersible	Sample Code	B/25/06/438
Quantity of Sample	1.0 Ltr	Date Of S.C.	26/06/2025
Receiving Date	26/06/2025	S. Collector	Chandra Sekhar Yadav
Sample Depositor	Chandra Sekhar Yadav	Sampling Method Used	IS:17614-P-1:2021
Analysis Start Date	27/06/2025	Analysis Completion Date	28/06/2025

Environmental Condition

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

S.No	Analyzed Parameters	Unit of Measurement	Observed value	Limits of IS: 10500-2012		Reference Method of Analysis
				Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)	
1.	pH	—	7.59	6.5-8.5	No relaxation	IS : 3025 (Part 11) - 2022
2.	Colour	Hazen	<5	5	15	APHA 24th Edition 2120 Colour Method B Platinum Cobalt Visual Comparison-2023
3.	Odour	—	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2022
4.	Taste	—	Agreeable	Agreeable	Agreeable	IS : 3025 (Part 8) - 2023
5.	Turbidity	NTU	1.13	01	05	IS : 3025 (Part 10) - 2023
6.	Total Dissolve Solids	mg/l	386.0	500	2000	IS : 3025 (Part 16) - 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	420.0	200	600	IS 3025 (Part 23) : 2023
8.	Total Hardness(as CaCO ₃)	mg/l	512.0	200	600	IS 3025 (Part 21) : 2019
9.	Calcium as Ca	mg/l	19.2	75	200	IS 3025 (Part 40) : 2023
10.	Magnesium as Mg	mg/l	112.98	30	100	IS 3025 (Part 46) : 2023
11.	Sulphate (as SO ₄)	mg/l	3.41	200	400	APHA 24th Edition – 4500-SO ₄ Method E (Turbidity Method ,2023)
12.	Nitrate (as NO ₃)	mg/l	8.92	45	No relaxation	APHA 24th Edition – 4500-NO ₃ Method B (UV Screening Method ,2023)
13.	Iron (as Fe)	mg/l	0.04	1.0	No relaxation	APHA 24th Edition – 3500- Fe Method B

						(Phenanthroline ,2023)
14.	Fluoride	mg/l	0.61	1.0	1.50	APHA 24th Edition -4500-F Method C (Electrode Method) 2023

*BDL-Below Detection Limit.

- Note- 1. This certificate refers only to the particular samples submitted for testing.
2. This certificate shall not be reproduced ,except in full, unless written permission for the publication of an approved abstract .
3. The test results reported in this certificate are valid at the time of and under the started conditions of measurements.
4. Sample will be stored up to 7 days (in case of non perishable items only) from the date of issue of tests reports .

Prepared by:
Manish Kumar Yadav
(Deputy Technical Manager)

Manish Kumar



Laboratory contact details :- Name- Mahendra Pal
Mo. No. 9919087307
Email ID:-mahendrapal4491@gmail.com

*** END OF THE REPORT***



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14/2025-26							
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Sample Depositor	Chandra Sekhar Yadav	Sampling Method Used	IS:1622-2003 IS:17614:P-1:2021				
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Environmental Condition							
Temperature	25 ± 3°C		Humidity	50 ± 15%			
Technical Data of Analysis							
S. No	Parameters	Observed value	Unit	Limits of IS: 10500-2012			
				Desirabl e Limit (Max)	Permissibl e Limit in the Absence of Alternate Source (Max)	Reference Method of Analysis	
1.	Total coli form	E. coli	NIL	CFU/100ML	NIL	NIL	IS 15185:2016
		T. Coliform	NIL				
2.	Chloride (as Cl)	11.99	(mg/l)	250.0	1000.0	IS 3025 (Part 32) : 2023	

Prepared by:

Manish Kumar Yadav

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*** END OF THE REPORT***