



Test Report

District water Analysis Laboratory U.P. 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 /106/2024-25	Issue Date	15/02/2025	Page No	1 of 2
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Customer Details

Office Name and Address	Woodward Public School Civil Lines Power House Road Bhadohi – 221401
Ref Letter No & Date	NA

Basic details of sample

District	Sant Ravidas Nagar Bhadohi	Block	Bhadohi
Nagar Panchyat	Bhadohi	Village	-
Habitation	-	Location	Bhadohi
Water Source	Drinking Water	Sample Code	B/25/02/1179
Quantity of Sample	1.0 Ltr	Date Of S.C.	07/02/2025
Receiving Date	07/02/2025	S. Collector	Party
Sample Depositor	Party	Sampling Method Used	IS:17614:P-1:2021
Analysis Start Date	10/02/2025	Analysis Completion Date	11/02/2025

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	---	6.98	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	0.65	01	05	IS : 3025 (Part 10) - 2023
6.	Total Dissolve Solids	mg/l	30.0	500	2000	IS : 3025 (Part 16) - 2023
7.	Total Alkalinity (as CaCO ₃)	mg/l	28.0	200	600	IS 3025 (Part 23) : 2023
8.	Total Hardness(as CaCO ₃)	mg/l	24.0	200	600	IS 3025 (Part 21) : 2019
9.	Calcium as Ca	mg/l	3.20	75	200	IS 3025 (Part 40) : 2023
10.	Magnesium as Mg	mg/l	3.89	30	100	IS 3025 (Part 46) : 2023
11.	Sulphate (as SO ₄)	mg/l	3.98	200	400	APHA 24th Edition – 4500-SO ₄ Method E (Turbidity Method ,2023)
12.	Nitrate (as NO ₃)	mg/l	1.52	45	No relaxation	APHA 24th Edition – 4500-NO ₃ Method B (UV Screening Method ,2023)
13.	Iron (as Fe)	mg/l	BDL	1.0	No relaxation	APHA 24th Edition – 3500- Fe Method B (Phenanthroline ,2023)

14.	Fluoride	mg/l	BDL	1.0	1.50	APHA 24th Edition -4500-F Method C (Electrode Method) 2023
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*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
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MIG II 11&12 Jamunipur Colony

Sant Ravidas Nagar (Bhadohi)-221409

Report No.	Test Report / Exe .Eng. Con .Divi. / Microbial Test /112/2024-25	Issue Date	15/02/2025	Page No	01	
Customer Details						
Office Name and Address	Woodward Public School Civil Lines Power House Road Bhadohi – 221401					
Ref Letter No & Date	NA					
Basic details of sample						
District	Sant Ravidas Nagar Bhadohi	Block	Bhadohi			
Nagar Panchyat	Bhadohi	Village	-			
Habitation	-	Location	Bhadohi			
Water Source	Drinking Water	Sample Code	B/25/02/1179			
Quality of Sample	250 ml	Date Of S.C.	07/02/2025			
Receiving Date	07/02/2025	S. Collector	Party			
Sample Depositor	Party	Sampling Method Used	IS:1622-2003 IS:17614:P-1:2021			
Analysis Start Date	10/02/2025	Analysis Completion Date	11/02/2025			
Environmental Condition						
Temperature	25 ± 3°C	Humidity	50 ± 15%			
Technical Data of Analysis						
S. No	Parameters	Observed value	Unit	Limits of IS: 10500-2012		
				Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)	Reference Method of Analysis
1.	Total coli form	NIL	CFU/100ML	NIL	NIL	IS 15185:2016
	E. coli	NIL				
	T. Coliform	NIL				
2.	Chloride (as Cl)	3.99	(mg/l)	250.0	1000.0	IS 3025 (Part 32) : 2023

UNC = Uncountable

Prepared by:
Manish Kumar Yadav

Manish Kumar Yadav

Laboratory contact details :- Name- Mahendra Pal
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Authorized signatory
Mahendra Pal



*** END OF REPORT***

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Shalini
Mrs. Shalini
Principal
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