



Test Report

DISTRICT LEVEL WATER ANALYSIS LABORATORY, UTTAR PRADESH JAL NIGAM(Rural), AMETHI



TC-13416

Rept No	Test Report/Est Eng. Con Div./Chemical Test/ 350/2024-25	Issue Date	17/4/2025	Page No. 01		
URL NO	TC-134163500000028F					
Customer Details	S.K. Khare Memorial Public School, Tiloi - Amethi U.P.					
Office Name and Address	Ref Letter No & Date					
District	Amethi	Block	Tiloi			
Gram Panchayat	Tiloi	Village	Tiloi			
Habitation	Tiloi	Location	New Medical College			
Water Source	Submersible Pump	Sample Code	A/11/04/1451			
Quantity of Sample	10 Liter	Date of Sample Collection	11/4/2025			
Receiving Date	11/4/2025	Sample Collector	Pankaj Tiwari			
Sample Depositor	Pankaj Tiwari	Sampling Method Used	IS:17614-P-1:2021			
Analysis Start Date	15/4/2025	Analysis Completion Date	15/4/2025			
Environmental Condition						
Temperature	25±3 °C	Humidity	50±5%			
Technical Data of Analysis						
S No	Parameter	Units	Observed Value	Specified Values as per	Ref. Method of Analysis	
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	
1	Turbidity	(NTU)	0.36	1.00	5.00	IS 3025 (Part 10) : 2023
2	pH Value		7.89	6.5-8.5	6.5-8.5	IS 3025 (Part 11) : 2022 (Electrometric Method)
3	TDS	(mg/L)	548	500.00	2000	IS 3025 (Part 16) : 2023
4	Chloride	(mg/L)	20.99	250.00	1000	IS 3025 (Part 32) : 2019
5	Iron (as Fe)	(mg/L)	0.18	0.30	1	APHA 24th Edition-3500-Fe Method B(Phenanthroline:2023)
6	Sulphate (as SO ₄)	(mg/L)	11.26	200.00	400	APHA 24th Edition - 4500-SO ₄ Method E (Turbidity Method):2023
7	Nitrate (as NO ₃)	(mg/L)	0.98	45.00	45	APHA 24th Edition-4500-NO ₃ Method D(UV-Screening Method): 2023
8	Total Alkalinity(as CaCO ₃)	(mg/L)	294	200.00	600	IS 3025 (Part 23) : 2023
9	Total Hardness (as CaCO ₃)	(mg/L)	192	200.00	600	IS 3025 (Part 21) : 2019
10	Calcium	(mg/L)	28.8	75.00	200	IS 3025 (Part 40) : 2023
11	Magnesium	(mg/L)	29.16	30.00	100	IS 3025 (Part 46) : 2023
12	Taste	Qualitative	Agreeable	-	-	IS 3025 (Part 08) : 2023
13	Odour	Qualitative	Agreeable	-	-	IS 3025 (Part 05) : 2018
14	Colour	Hazen	BDL	5	15	APHA 24th Edition-2120 Colour Method B(Platinum Cobalt Visual

- 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 stated 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 test reports.

Neha Maurya
Prepared By
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(Deputy Technical Manager)

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Authorised signatory
Chandra Prakash Sharma (Technical Manager)
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End of the report