TEST REPORT

District Level Water Analysis Laboratory,
Uttar Pradesh Jal Nigam, (Rural), Ghazipur, 233001

Report No. GZP/DW/26/06/17	Date- 13.06.2026	S. No-17	Page No-1	Page 1/2

Customer Details	
Office Name and Address	M/S THE SUN SHINE CENTRAL ACADEMY, PACHAIPATTI, MAKHADUMPUR, GHAZIPUR (U.P.) 233307
Ref. Letter No. & Date	

Basic Details of sample			
District	Ghazipur	Block	Ghazipur
Gram Panchayat	-	Village	Pachaipatti
Habitation	-	Location	Makhadumpur
Water Source	Drinking Water	Sample No.	17
Quantity of Sample	2 L	Date of S.C.	09.06.2026
Receiving Date	09.06.2026	S. Collector	Baprakesh Singh
Sample Depositor	Sanjay		
Analysis Start Date	09.06.2026	Analysis Completion Date	13.06.2026

Environmental Condition			
Temperature	20.2°C	Relative Humidity	53.2%

Technical Data of Analysis

S. No.	Analyzed parameters (Unit of Measurement)	Observed Value	Specified Values as per IS 10500:2012 Acceptable Limit	Permissible Limit	Ref. Method of Analysis
	2	3	4	5	6
1	pH@25°C	7.06	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2012
2	Turbidity (NTU)	2.42	1	5	IS 3025 (Part 10): 2017
3	TDS (mg/L)	426.00	500	2000	IS 3025 (Part 16): 2023
4	Chloride (mg/L)	63.98	250	1000	IS 3025 (Part 32): 2019
5	Total Alkalinity (mg/L)	104.93	200	600	IS 3025 (Part 23): 2019
6	Total Hardness (mg/L)	164.00	200	600	IS 3025 (Part 21): 2019
7	Calcium (mg/L)	62.00	75	200	IS 3025 (Part 40): 2019
8	Magnesium (mg/L)	24.78	30	100	IS 3025 (Part 46): 2019

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 test reports unless otherwise specified.

District Level Water Analysis Laboratory
Uttar Pradesh Jal Nigam, (Rural), Ghazipur, 233001

Report Prepared by

Laboratory Contact details-Email: upjn1districtlabgzp@gmail.com

End of Test Report

TEST REPORT

District Level Water Analysis Laboratory,
Uttar Pradesh Jal Nigam, (Rural), Ghazipur, 233001

Report No. GZP/DW/26/06/17	Date- 13.06.2026	S. No-17	Page No-2	Page 2/2

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Water Source	Drinking Water	Sample No.	17
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Receiving Date	09.06.2026	S. Collector	Baprakesh Singh
Sample Depositor	Sanjay		
Analysis Start Date	09.06.2026	Analysis Completion Date	13.06.2026

Environmental Condition			
Temperature	21.4°C	Relative Humidity	51.6%

Technical Data of Analysis

S. No.	Analyzed parameters (Unit of Measurement)	Observed Value	Specified Values as per IS 10500:2012 Acceptable Limit	Permissible Limit	Ref. Method of Analysis
	2	3	4	5	6
1	Sulphate (mg/L)	42.00	200	400	APHA 24 Edition-4500SO4 method (Turbidity meter) 2023
2	Nitrate (mg/L)	28.00	45	-	APHA 24 Edition-4500-NO3-B method
3	Fluoride (mg/L)	0.5	1	1.5	APHA 24rd Edition -4500-F Method C (Electrode Method): 2023
4	Iron (mg/L)	0.01	0.3	-	APHA 24rd Edition -3500-Fe Method B (Phenanthroline Method) : 2023
5	Residual Chlorine (FRC)	BDL	0.2	1	DPD Tablet Method
6	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2021
7	Color (Hazen)	<5	5	15	IS 3025 (Part 4) : 2021
8	E. coli (CFU/100ml)	Absent	0	0	H2S Vials

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5. BDL- Below Detection Limit.
6. UDL- Upper Detection Limit.
7. Indicates parameters that are NABL accredited.

District Level Water Analysis Laboratory, Uttar Pradesh Jal Nigam, Rural, Ghazipur

Report Prepared by

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End of Test Report