



Regional Water Testing Laboratory

Address: 4/4 Sanjay Palace U.P. Jal Nigam(Rural) Agra, 282002



TEST REPORT

Report No:	UPJN/AGR/25/04/271	Issue Date:	24/04/2025	Page No	1/2
Customer Details					
Office Name and Address		Principal Shri Chaitanya Techno School Bichpuri bodala Road ,Agra			
Ref Letter No & Date		22/4/2025			
		Basic details of sample			
District	Agra	Block	Bichpuri		
		Village/city	Shastripuram		
Gram Panchayat	Magtai	Location	Bichpuri bodala Road Agra		
Water Source	RO water	Sample No.	01		
Quantity of Sample	1 Lt.	Date of Collection	22/04/2025		
Receiving Date	22/04/2025	S. Collector	Mr.Prashant/Teacher		
Sample Depositor	Mr.Prashant/Teacher	Sampling Method	As per IS 17614: Part 1: 2021		
Analysis Start Date	23/04/2025	Analysis Date:	Completion	24/04/2025	
Humidity	55%	Temperature	27°C		

Technical Data of Analysis

S.N o.	Analyzed parameters (Unit of Measurement)	Observed Value	Specified Values as per BIS, 10500:2012		Ref. Method of Analysis Joint testing(100-130)
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	pH (@ 25°C)	7.20	6-8.5	6.5-8.5	IS 3025 (Part 11):2022 (Electrometric method)
2	Turbidity mg/L	1.04	1	5	IS 3025 (Pt 10):2023 (Nephelometric Method)
3	Total Dissolved Solid mg/L	102	500	2000	IS 3025 (Pt 16):,2023 (Gravimetric Method)
4	Fluoride mg/L	0.382	1	1.5	APHA 24 th Edition 4500-F Method C (Electrode method) 2023
5	Total Hardness mg/L	16	200	600	IS 3025 (Part 21):2009(EDTA Method)
6	Total Alkalinity mg/L	36	200	600	IS 3025 (Part 23):2023 (Potentiometric method)
7	Chloride mg/L	28	250	1000	IS 3025 (Part 32):1988(Argentometric method)

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8	Iron mg/L	0.01	1	1	APHA 24 th Edition 3500-Fe Method B (Phenanthroline Method) 2023
9	Sulphate mg/L	nill	200	400	APHA 24 th Edition 4500-SO4 Method E (Turbidimetric Method) 2023
10	Calcium mg/L	09	75	200	IS 3025 (Part 40):2024(EDTA Titrimetric Method)
11	Magnesium mg/L	3.02	30	100	IS 3025 (Part 46):2023(Volumetric Method)
12	Color (Hazen)	-	5	15	IS 3025 (Part 4) ,2021 Visual Comparison Method
13	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (PART 08) ,2023 (Qualitative Method)
14	Nitrate (mg/l)	8.2	45	45	APHA 24 th Edition -4500 NO3 method D (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.
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 tests reports.

Reviewed By-


(Amita Devi)

(Deputy Quality Manager)

:

Authorized Signatory


(Sanjay Upman)



Laboratory Contact details

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