



Regional Level Water Analysis Laboratory
s: 4/4 Sanjay Palace U.P. JalNigam(Rural) Agra, 282002



TEST REPORT

Report No:	UPJN/AGR/25/09/385	Issue Date:	24/9/2025	Page No	1/2
Customer Details					
Office Name and Address	Manager S.K.G.Public School Ranhera Chhata (Mathura)				
Ref Letter No & Date	-				
Basic details of sample					
		Block	Chhata		
District	Mathura	Village/city	Ranhera		
Gram Panchayat		Location	S.K.G Public School		
Water Source	Ro	Sample No.	01		
Quantity of Sample	1 Lt.	Date of Collection	22/09/2025		
Receiving Date	23/09/2025	S. Collector	----		
Sample Depositor	---	Sampling Method	As per IS 17614: Part 1: 2021		
Analysis Start Date	23/09/2025	Analysis Completion Date:	24/09/2025		

Technical Data of Analysis

S.No.	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)	7.18	6-8.5	6.5-8.5	IS 3025 (Part 11):2022 (Electrometric method)
2	Turbidity mg/L	0.95	1	5	IS 3025 (Pt 10):1984 (Nephelometric Method)
3	Total Dissolved Solid mg/L	111	500	2000	IS 3025 (Pt 16):1984 (Gravimetric Method)
4	Fluoride mg/L	0.244	1	1.5	APHA 23 rd Edition 4500-F Method C (Electrode method) 2017
5	Total Hardness mg/L	18	200	600	IS 3025 (Part 21):2009(EDTA Method)
6	Total Alkalinity mg/L	24	200	600	IS 3025 (Part 23):1986 (Potentiometric method)
7	Chloride mg/L	14	250	1000	IS 3025 (Part 32):1988 (Argentometric method)
8	Iron mg/L	0.01	1	1	APHA 23 rd Edition 3500-Fe Method B (Phenanthroline Method) 2017
9	Sulphate mg/L	12	200	400	APHA 23 rd Edition 4500-SO4 Method E (Turbidity Method) 2017
10	Calcium mg/L	8	75	200	IS 3025 (Part 40):1991(EDTA Titrimetric Method)
11	Magnesium mg/L	2.86	30	100	IS 3025 (Part 46):1994(Volumetric Method)
12	Color (Hazen)	02	5	15	APHA 23 rd Edition Color 2120 B (Visual Comparison Method)
13	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (PART 08) 1984 (Qualitative Method)



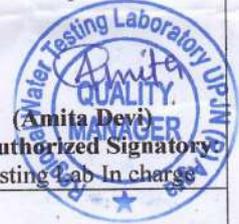
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14	Nitrate (mg/l)	02	45	45	APHA 24 Edition -4500 NO3 method B (UV Spectrophotometric method:2023)
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Note

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.



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