



Annexure- IV
WATER ANALYSIS REPORT
District Level Water Analysis Laboratory,
Uttar Pradesh Jal Nigam (Rural), Shahjahanpur

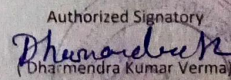


TC-12262

Report No.	1	Date:-	28.03.2025	Page No. 01		
URL No.	NA					
Customer Details						
Office of Executive Engineer, U.P. Jal Nigam (Rural), Shahjahanpur E-7-II, Abhishek, South City, Shahjahanpur-242201						
Office Name and Address						
Ref. Letter No. & Date	NA					
Basic Detail of Sample						
District name	Shahjahanpur	Block	POWAYAN			
Gram Panchayat/ Nagar		Village/NPP	BARAPUR			
Habitation	NA	Location	Ram Ladeti Devi Public School, Vill-Barapur, Powayan Road Dist- Shahjahanpur			
Water Source	R.O	Sample Code	C/25/03/P-12			
Quantity of Sample	1 Ltr	Date of Sample Collection	22.03.2025			
Receiving Date	22.03.2025	sample Collector	Prashant sharma			
sample Depositor	Prashant sharma	M.R.N.				
Analysis Start Date	22.03.2024	Analysis Completion Date	24.03.2025			
Environmental Condition						
Temperature	25 ± 3 °C		Humidity	48 ± 15 °C		
Technical DATA of Analysis						
Sr. N.	Analysed Parameter	Units	Observed Value	Specified Values as per BIS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	ph		7.796	6.5-8.5	No Relaxation	IS 3025 (Part 11): 2022
2	Turbidity	(NTU)*	0.364	1.0	5.00	IS 3025 (Part 10): 1984 (Nephelometric Method)
3	TDS	(Mg/L)*	256	500	2000	IS 3025 (Part 16): 1984 (Gravimetric Method)
4	Chloride	(Mg/L)*	45.33	250	1000	IS 3025 (Part 32): 1988 (Argentometric Method)
5	Fluoride	(Mg/L)*	0.00	1.0	1.5	IS 3025 (Part 60): 2008 APHA 23rd Edition-4500 F Method C (Electrod Method), 2017
6	Total Hardness	(Mg/L)*	252	200	600	IS 3025 (Part 21): 2009 (EDTA Method)
7	Total Alkalinity	(Mg/L)*	336	200	600	IS 3025 (Part 23): 1986 (Indicator Method)
8	Magnesium	(Mg/L)*	62.59	30	100	IS 3025 (Part 46): 2019
9	Odour		Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
10	Colour	HU	5	1 HU	100 HU	IS 3025 (Part 4): 1983 (Platinum Cobalt Visual Comparison Method)
11	Calcium	(Mg/L)*	19.2	75	200	IS 3025 (Part 40): 1991
12	Taste	-	Agreeable	Agreeable	Agreeable	Part 7 & Part 8

Note:

1. Certificate refers only to the Particular sample 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 The 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 7 days (in case of non perishable items only) from the date of issue of tests report unless otherwise specified.
5. Parameters above permissible limit This are written in Bold.

Authorized Signatory

Dharmendra Kumar Verma
Technical Manager (Chemist)