

Annexure- IV

WATER ANALYSIS REPORT

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



TC-12262

Report No.	116	Date:-	29/02/2024	Page No. 01		
URL No.	NA					
Customer Details						
Office Name and Address	Office of Executive Engineer, U.P. Jal Nigam (Rural), Shahjahanpur E-7-II, Abhishek, South City, Shahjahanpur-242201					
Ref. Letter No. & Date	NA					
Basic Detail of Sample						
District name	Shahjahanpur	Block	POWAYAN			
Gram Pnchayat/ 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/24/02/P-117			
Quantity of Sample	1 Ltr	Date of Sample Collection	28/02/2024			
Receiving Date	28/02/2024	sample Collector	Prashant sharma			
sample Depositor	Prashant sharma	M.R.N.	-			
Analysis Start Date	28/02/2024	Analysis Completion Date	28/02/2024			
Environmental Condition						
Temperature	25 ± 3 °C	Humidity	48 ± 15 °C			
Technical DATA of Analysis						
Sr. N.	Analysed Parameter	Units	Ovserved Value	Specified Values as per BIS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	ph	-	7.39	6.5-8.5	No Relaxation	IS 3025 (Part 11):2022
2	Turbidity	(NTU)*	0.48	1.0	5.00	IS 3025 (Part 10): 1984 (Nephelometric Method)
3	TDS	(Mg/L)*	258	500	2000	IS 3025 (Part 16): 1984 (Gravimetric Method)
4	Chloride	(Mg/L)*	43.36	250	1000	IS 3025 (Part 32): 1988 (Argentometric Method)
5	Fluoride	(Mg/L)*	0.60	1.0	1.5	IS 3025 (Part 60): 2008 APHA 23rd Edistion-4500 F Method C Electrod Method, 2017
6	Total Hardness	(Mg/L)*	204	200	600	IS 3025 (Part 21): 2009 (EDTA Method)
7	Total Alkalinity	(Mg/L)*	340	200	600	IS 3025 (Part 23):1986 (Indicator Method)
8	Magnesium	(Mg/L)*	38.64	30	100	IS 3025 (Part 46):2019
9	Odour		Agreeable	Agreeable	Agreeable	IS 3025(Part 5):2018
10	Colour	HU	4	1 HU	100 HU	IS 3025(Part 4):1983 (Platinum Cobalt Visual Comprision Method)
11	Calcium	(Mg/L)*	43.20	75	200	IS 3025 (Part 40):1991
12	Taste	-	Agreeable	Agreeable	Agreeable	Part 7 & Part 8

Note:

- Certificate refers only to the Particular sample submitted for testing.
- 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.
- The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
- 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.
- Parameters above permissible limit This are written in Bold.

Result:

<input checked="" type="checkbox"/>	Pass	(✓)
<input type="checkbox"/>	Fail	()

Authorized Signatory

Dharmendra Kumar Verma
Dharmendra Kumar Verma
Technical Manager (Chemist)