

WATER ANALYSIS REPORT



District Level Water Analysis Laboratory

U. P. Jal Nigam (Rural), Kolbaj Bahadur (Pragati Nagar),
Azamgarh- 276001

NABL T-8677

Report No.: C/AZM/01	Date: 26.04.2024	No. of Pages: 1
Customer Details		
Office Name and Address	Central Public School Jafarpur (Near Kanshiram Awas Colony) Azamgarh	
Ref. Letter No. & Date	2130633	
Basic Details of Sample		
District	Azamgarh	Block
Gram Panchayat	Jafarpur	Village
Habitation	Main	Location
Water Source	R.O Water	Sample Code
Quantity of Sample	1000 mL (Normal), 500 mL	Sampling date
Sample Received Date	24.04.2024	Sample collected by
Sampling Method Used	NA	Sample Depositor
Analysis Start Date	25.04.2024	Analysis Completion Date

S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	Taste	Agreeable	Agreeable/Not Agree.	Agreeable/Not Agree.	IS 3025 (Part 8):1984
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5):2018
3	Turbidity (NTU) **	1.14	1	5	APHA 24rd Ed. 2130- Turbidity Method B: 2023
4	pH **	7.54	6.5-8.5	6.5-8.5	APHA 24rd Ed. 4500 H+ Method B: 2023
5	Colour (Hazen units) **	0.00	5	15	APHA 24rd Ed. 2120- B (Platinum Cobalt Visual Comparison): 2023
6	Total Dissolved Solids, mg/l **	158	500	2000	APHA 24rd Ed. 2540- TDS Method C (Dried at 180 degree Celsius):2023
7	Chloride (as Cl), mg/l **	42	250	1000	APHA 24rd Ed. 4500- CL Method B (Argentometric Method):2023
8	Total Alkalinity, (as CaCO3) mg/l **	132	200	600	APHA 24rd Ed. 2320- Alkalinity Method B (Titration method):2023
9	Total Hardness, (as CaCO3) mg/l **	142	200	600	APHA 24rd Ed. 2340-Hardness Method C (EDTA Method):2023
10	Calcium (as Ca), mg/l **	38	75	200	APHA 24rd Ed. 3500- Ca Method B (EDTA Method):2023
11	Magnesium (as Mg), mg/l **	22	30	100	APHA 24rd Ed. 3500- Mg Method B (By Calculation):2023
12	Sulphate (as SO4), mg/l **	5.37	200	400	APHA 24rd Ed. 4500- SO4 Method C (Gravimetric Method Ignition of Residue): 2023
13	Nitrate (as NO3), mg/l **	7.93	45	No relaxation	APHA 24rd Ed. 4500- NO3 Method E (Cadmium Reduction Method): 2023
14	Fluoride (as F), mg/l **	BDL(0.002)	1.00	1.50	APHA 24rd Ed. 4500-F Method C (Electrode Method):2023
15	Iron (as Fe), mg/l **	BDL(0.003)	1.00	No relaxation	APHA 24rd Ed. 3111 -Fe Method B Direct A-Ac Flame AAS Method:2023
16	Arsenic	BDL(0.001)	0.010	0.010	IS 3025 (Part 37): 1987 Silver diethyl Dithiocarbamate Method
17	E.coli	0.0	0.0	0.0	Membrane Filter Method
18	Total Coliform	0.0	0.0	0.0	Membrane Filter Method

All These parameters are under NABL Scope, BDL-Below Detection Limit, NA- Not Analysed

Note: 1. This certificate refers only to the particular sample(s) submitted for analysis.

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 analysis results reported in this certificate are valid at the time of and under the stated conditions of measurements.

4. Sample(s) will be stored up to 07 days (in case of non-perishable items only) from the date of issue of analysis reports, unless otherwise specified.

5. Parameters above Permissible Limit are written in bold.

6. Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.

7. Sample is not Collected by Lab. 8. ** Indicates Parameters are NABL Accredited.

ARVIND KR. CHATURVEDI
(Report Prepared by)

SANDEEP KUMAR
(Report Authorized by)

Mobile No. 8953458042
Manager

Laboratory Contact detail: Email: sandeepkumar181092@gmail.com

*****END OF THE ANALYSIS REPORT*****