

WATER ANALYSIS REPORT



District Level Water Analysis Laboratory

NABL T-8677

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

Report No.: C/AZM/01

Date: 01.04.2025

No. of Pages: 1

Office Name and Address

Customer Details

Ref. Letter No. & Date

Babu Birja Rai Memorial Children School Harraiya Azamgarh
NA

District

Basic Details of Sample

Gram Panchayat

Azamgarh

Block

Harraiya

Habitation

Main

Village

Harraiya

Water Source

R.O (Drinking Water)

Location

Babu Birja Rai Memorial Children School Harraiya

Quantity of Sample

1000 mL (Normal), 500 mL

Sample Code

C/AZM/APR/01

Sample Received Date

30.03.2025

Sampling date

30.03.2025

Sampling Method Used

NA

Sample, collected by

Mrityunjay Rai (Manager)

Analysis Start Date

31.03.2025

Analysis Completion Date

01.04.2025

S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2		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) **	1.54	1	5	APHA 24rd Ed. 2130- Turbidity Method B: 2023
4	pH **	7.72	6.5-8.5	6.5-8.5	APHA 24rd Ed. 4500 H+ Method B: 2023
5	Colour (Hazen units) **	BDL(0.0)	5	15	APHA 24rd Ed. 2120- B (Platinum Cobalt Visual Comparison): 2023
6	Total Dissolved Solids, mg/l **	128	500	2000	APHA 24rd Ed. 2540- TDS Method C (Dried at 180 degree Celsius):2023
7	Chloride (as Cl), mg/l **	68	250	1000	APHA 24rd Ed. 4500- CL Method B (Argentometric Method):2023
8	Total Alkalinity, (as CaCO3) mg/l **	148	200	600	APHA 24rd Ed. 2320- Alkalinity Method B (Titration method):2023
9	Total Hardness, (as CaCO3) mg/l **	210	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 **	102	30	100	APHA 24rd Ed. 3500- Mg Method B (By Calculation):2023
12	Sulphate (as SO4), mg/l **	7.42	200	400	APHA 24rd Ed. 4500- SO4 Method C (Gravimetric Method Ignition of Residue): 2023
13	Nitrate (as NO3), mg/l **	5.76	45	No relaxation	APHA 24rd Ed. 4500- NO3 Method E (Cadmium Reduction Method): 2023
14	Fluoride (as F), mg/l **	BDL(0.278)	1.00	1.50	APHA 24rd Ed. 4500-F Method C (Electrode Method):2023
15	Iron (as Fe), mg/l **	BDL(0.001)	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 K. CHATURVEDI
(Report Prepared by)



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

