

Water Analysis Report



District Level Water Analysis Laboratory

(An NABL Accredited Laboratory)

Office of Executive Engineer, Khand Karyalya, Opposite SMTD College
Ballia-277001

URL No.: TC-BUI/APR26/2036	Date: 21/04/2026	No. of Pages: 1	
Customer Details			
Office Name and Address	NIRMAL JEEVAN PUBLIC SCHOOL, ATRAUL, INDAULI, BELTHARA ROAD, BALLIA U.P.		
Ref. Letter No. & Date			
Basic Details of Sample			
District	BALLIA	Block	SIAR
Gram Panchayat	ATRAUL	Village	INDAULI
Habitation	INDAULI	Latitude	NA
		Longitude	
Water Source	RO- WATER	Sample Code	BUI/APR26/2036
Quantity of Sample	1000 ML	Sampling date	20-04-2026
Sample Received Date	20-04-2026	S. collected by	SHYAM BIHARI
Sampling Method Used	IS 17614 (Part 3):2022	Sample Depositor	SHYAM BIHARI
Analysis Start Date	20-04-2026	Analysis Completion date	21-04-2026
TEM- 26°C	HUMIDITY-55%		

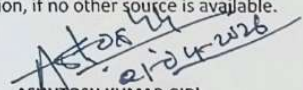
S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8): 2023
3	pH	6.60	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
4	Turbidity (NTU)	0.65	1	5	IS 3025 (Part 10):2023 (Nephelometric method)
5	Total Dissolved Solids, mg/l	62.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
6	Chloride (as Cl), mg/l	5.99	250	1000	IS 3025 (Part 32): 2019 Argentometric method
7	Total Alkalinity, (as CaCO3) mg/l	36.00	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
8	Total Hardness, (as CaCO3) mg/l	24.00	200	600	IS 3025 (Part 21): 2019 (EDTA method)
9	Calcium (Cl), mg/l	4.01	75	200	IS3025(PART40)2019;EDTA titrimetric method
10	Magnesium mg/l	3.40	30	100	IS3025(PART46)2019;Volumetric method using EDTA
11	Sulphate (as SO4), mg/l	2.14	200	400	APHA 24rd Edition -4500-SO4 Method E (Turbidimetric Method): 2023
12	Nitrate (as NO3), mg/l	1.21	45	No relaxation	APHA 24rd Edition -4500- NO3 Method B (UV Screening Method): 2023
13	Fluoride (as F), mg/l	0.08	1.0	1.5	APHA 24rd Edition -4500-F Method C (Ion-Selective Electrode Method) : 2023
14	Iron (as Fe), mg/l	0.11	1.0	No relaxation	APHA 24rd Edition -3500-Fe Method B (Phenanthroline Method) : 2023
15	Color (Hazen unit)	NA	5.0	15	APHA 24rd Edition-2120 Color method B(Platinum cobalt visual comparison):2023
16	Total Arsenic (as As), mg/l	BDL	0.01	No relaxation	APHA 24rd Edition -3500 Method B (Silver Diethyldithiocarbamate Method): 2023

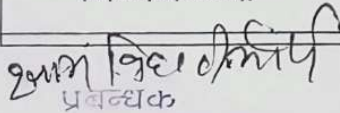
BDL-Below Detection Limit, NA- Not Analysed

- Note:**
- This certificate refers only to the particular sample(s) submitted for analysis.
 - 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.
 - The analysis results reported in this certificate are valid at the time of and under the stated conditions of measurements.
 - 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.
 - Parameters above Permissible Limit are written in **bold**.
 - Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.
 - Sample is Not Collected by Lab.

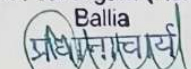
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 Analysis Laboratory
 U.P. Ja. Nigam (Rural)
 Ballia


 प्रबन्धक

निर्मल जीवन पब्लिक स्कूल
 अतरौल, इन्दौली, बेलथरा रोड.
 बलिया


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 अतरौल, इन्दौली बेलथरा रोड
 बलिया (221715)

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