

Water Analysis Report



District Level Water Analysis Laboratory (An NABL Accredited Laboratory) Office of Executive Engineer, Khand Karyalya, Opposite SMTD College Ballia-277001



Report No-BUI/Feb26/1778	Date-20/02/2026	No. of Pages: 1	
Customer Details			
Office Name and Address	GREEN LAWNS SCHOOL, BALLIA		
Ref. Letter No. & Date			
Basic Details of Sample			
District	BALLIA	Block	BALLIA
Gram Panchayat	BELTHARA ROAD	Village	PASHUHARI MARG BELTHARA ROAD, BALLIA
Habitation	BELTHARA ROAD	Latitude	NA
		Longitude	
Water Source	RO	Sample Code	BUI/Feb26/1778
Quantity of Sample	1000 ML	Sampling date	18/02/2026
Sample Received Date	18/02/2026	S. collected by	SAMEER KHAN
Sampling Method Used	IS 17614 (Part 3):2022	Sample Depositor	SAMEER KHAN
Analysis Start Date	18/02/2026	Analysis Completion date	20/02/2026
TEMP- 23°C	HUMIDITY-69%		

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	7.79	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
4	Turbidity (NTU)	0.41	1	5	IS 3025 (Part 10):2023 (Nephelometric method)
5	Total Dissolved Solids, mg/l	108.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
6	Chloride (as Cl), mg/l	11.99	250	1000	IS 3025 (Part 32): 2019 Argentometric method
7	Total Alkalinity, (as CaCO3) mg/l	76.00	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
8	Total Hardness, (as CaCO3) mg/l	68.00	200	600	IS 3025 (Part 21): 2019 (EDTA method)
9	Calcium (Ca), mg/l	7.21	75	200	IS3025(PART40)2019;EDTA titrimetric method
10	Magnesium mg/l	21.87	30	100	IS3025(PART46)2019;Volumetric method using EDTA
11	Sulphate (as SO4), mg/l	3.21	200	400	APHA 24rd Edition -4500-SO4 Method E (Turbidimetric Method): 2023
12	Nitrate (as NO3), mg/l	2.66	45	No relaxation	APHA 24rd Edition -4500- NO3 Method B (UV Screening Method): 2023
13	Fluoride (as F), mg/l	0.21	1.0	1.5	APHA 24rd Edition -4500-F Method C (Ion-Selective Electrode Method) : 2023
14	Iron (as Fe), mg/l	0.09	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 comprison):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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