

Water Analysis Report



District Level Water Analysis Laboratory Office of the Executive Engineer Khand Karyalay, U.P. Jal Nigam (Rural) Gata NO-57MI. Manjha Jamthara, (In Campus 33 MLD S.T.P.)

Report No.: C-UPIN/AYO/SEP/02		Date: 19.09.2025	No. of Pages: 1
Office Name and Address		Customer Details	
Ref. Letter No. & Date		Date: 18.09.2025	
Basic Details of Sample			
District	Ayodhya	Block/Tehseel	Sadar
Gram Panchayat	Indo-American Childrens Academy	Village	Indo-American Childrens Academy
Habitation	Indo-American Childrens Academy	Location	Indo-American Childrens Academy, Hajipur Darabganj, Ayodhya
Water Source	RO Water	Sample Code	C-UPIN/AYO/SEP/02
Quantity of Sample	1 Litre	Sampling date	18.09.2025
Sample Received Date	18.09.2025	S. collected by	Sanjeev Singh
Sampling Method Used	NA	Sample Depositor	Sanjeev Singh
Analysis Start Date	18.09.2025	Analysis Completion date	19.09.2025

S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012(Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2	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	7.12	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
4	Colour (Hazen units)	1	5	15	APHA 24rd Edition -2120-Colour Method B (Platinum Cobalt Visual Comparison): 2023
5	Turbidity (NTU)	0.22	1	5	IS 3025 (Part 10):2024 Sec-2 (Nephelometric method)
6	Total Dissolved Solids, mg/l	116	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
7	Chloride (as Cl), mg/l	26	250	1000	IS 3025 (Part 32): 2019 Argentometric method
8	Total Alkalinity, (as CaCO ₃) mg/l	112	200	600	IS 3025 (Part 23): 2023 (Potentiometric and Indicator method)
9	Total Hardness, (as CaCO ₃) mg/l	100	200	600	IS 3025 (Part 21): 2019 (EDTA method)
10	Calcium (as Ca), mg/l	22	75	200	IS 3025 (Part 40): 2024 EDTA Titrimetric method
11	Sulphate (as SO ₄), mg/l	1.20	200	400	APHA 24rd Edition -4500-SO ₄ Method E (Turbidimetric Method): 2023
12	Nitrate (as NO ₃), mg/l	2.22	45	No relaxation	APHA 24rd Edition -4500- NO ₃ Method B (UV Screening Method): 2023
13	Iron (as Fe), mg/l	0.03	1.0	No relaxation	APHA 24rd Edition -3500-Fe Method B (Phenanthroline Method): 2023
14	Fluoride (as F), mg/l	0.04	1.0	1.5	APHA 24rd Edition -4500-F Method C (Ion-Selective Electrode Method): 2023
15	Total Arsenic (as As), mg/l	0	0.01	No relaxation	APHA 24rd Edition -3500 Method B (Silver Diethyldithiocarbamate Method): 2023
16	Free Residual Chlorine	0	0.2	1	IS-3025(Pt-26):2021
17	Magnesium, (as Mg),mg/l	12	30	100	SI 3025 (Part 46)
18	E. Coll. (Cfu/ml)	0	0.0	No relaxation	APHA 24th Edition, 2023

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.

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(Report prepared by)

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

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(Report Authorized by)

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उ०प्र० जल निगम (ग्रामीण)
अयोध्या