Analysis Report

State Level Water Analysis Laboratory, U.P. Jal Nigam (Rural)
6, Rana Pratap Marg, Lucknow.

Certificate No.: TC-13060

Report No	Chemical Test/140243/2024-25	Date	12.03.2025	S.No	Page No	1	page 1/1

Customer Details

Office Name and Address	Central Academy , Aashiana , Lucknow.
Ref Letter No & Date	04.03.2025

Basic details of sample

District	Lucknow	Block/Area	Aashiana
Gram Panchayat	-	Village/Ward	-
Habitation	-	Location	K 1 Block, Aashiana
Water Source	Submersible	Sample No.	140243
Quantity of Sample	1000ml + 500ml	Date of S.C.	04.03.2025
Receiving Date	05.03.2025	S. Collector	By the Customer:- Shri Suresh Chandra Yadav
Sample Depositer	Shri Suresh Chandra Yadav		
Analysis Start Date	06.03.2025	Analysis Completion Date	06.03.2025

Environmental Condition

Temperature	22± 5 °C	Relative Humidity	Upto 70%

Technical Data of Analysis

S.No.	Analysed parameters	Unit of Measurement	Observed Value	Specified Values as per IS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	2	3	4	5	6	7
1	pH	-	8.48	6.5-8.5	No Relaxation	IS 3025 (Part II) :2012 (RA :2022)
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
3	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 7 & 8) 2017,1998,2022 (RA: 2022)
4	Colour	Hazen Unit	0.00	5	15	IS 3025 (Part 4) : 2012
5	Turbidity	NTU	3.58	1.00	5.00	IS 3025 (Part 10) : 2023
6	TDS	mg/L	520	500	2000	IS 3025 (Part 16) : 2023
7	Chloride	mg/L	24.99	250	1000	IS 3025 (Part 32) : 2014 (RA: 2019)
8	Total Alkalinity	mg/L	280	200	600	IS 3025 (Part 23) : 2023
9	Total Hardness	mg/L	315	200	600	IS 3025 (Part 21) : 2009 (RA: 2019)
10	Sulphate	mg/L	2.33	200	400	IS 3025 (Part 24) : 2009 (RA: 2022)
11	Nitrate	mg/L	8.6	45	No Relaxation	APHA 24th Edition 2023, Meth, 4500 No_3-B
12	Fluoride	mg/L	0.46	1.00	1.50	IS 3025 (Part 60) : 2008 (RA: 2019)
13	Iron	mg/L	0.098	1.00	1.00	APHA 24rd edition, 2023 (Part 3125) ICP-MS Method
14	Arsenic	mg/L	0.001	0.01	0.01	APHA 24rd edition, 2023 (Part 3125) ICP-MS Method
15	Magnesium	mg/L	41.4	30	100	APHA 24th Edition, 2023 (Part 3125) ICP-MS Method
16	Calcium	mg/L	58	75	200	APHA 24th Edition, 2023 (Part 3125) ICP-MS Method
17	Residual Chlorine	mg/L	0.00	0.20	1.00	IS 3025 (Part 26): 2012

Note
1. This Certificate refers only to the particular sample(s) submitted for testing.
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 test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
4. Sample will be stored up to 15 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.

12/03/2025
(Abhishek Singh)
Lab Technician
Prepared By

Authorized Signatory
(Anil Kumar)
Technical Manager
Test Manager

**End of Test Report **

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