



# Water Analysis Report

District Level Water Analysis Laboratory U.P. Jal Nigam (Rural) Moradabad

Office of Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Rural), Ashiyana Phase-1, Near OHT, Kanth Road, Moradabad

Report No. 762/WS-93/31

Date: 29/04/25

Page No. 1

ULR No.

## Customer Details

Name and Address J.R.S.M.CONVENT SCHOOL VILL Sirwan Harchand, Po. Manpur, Distt. Moradabad

Ref Letter No. & Date

## Basic details of sample

District	Moradabad	Block	Bhagatpur Tanda
Gram Panchayat/ Nagar Panchayat	Sirwan Harchand	Village	Sirwan Harchand
Habitation	-	Location	J.R.S.M.CONVENT SCHOOL
Water Source	Handpump	Sample Code	C/25/05/1514
Quantity of Sample	2L	Date of Sample Collection	28/4/2025
Receiving Date	28/4/2025	Sample Collector	-
Sample Depositer	-	Sampling Method Used	IS 17614 (Part 1) : 2021
Analysis Start Date	28/4/2025	Analysis Completion Date	29/4/2025

Environmental Condition during sampling: Temp./Humidity/Weather:

Temperature 25 ± 3 °C

Humidity 50 ± 15%

## Technical Data of Analysis

S.No.	Analysed Parameter	Units	Observed Value	Specified Values as per BIS 10500:2012 (Second Revision)		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
1	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8): 2023
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
3	Colour	HU	2	5	15	IS 3025 (Part 4): 2021
4	Turbidity	(NTU)	1.57	1.00	5.00	IS 3025 (Part 10): 2023
5	pH @ 25°C	-	7.38	6.5-8.5	No Relaxation	IS 3025 (Part 11): 2022
6	TDS	(mg/L)	168	500	2000	IS 3025 (Part 16): 2023
7	Chloride	(mg/L)	12	250	1000	IS 3025 (Part 32): 2019
8	Fluoride	(mg/L)	0.25	1	1.5	APHA 24th Edition -4500-F Method C (Electrode Method) :2023
9	Sulphate	(mg/L)	13.26	200	400	APHA 24th Edition -4500- SO4 Method E (Turbidimetric Method) :2023
10	Nitrate	(mg/l)	1.25	45	No Relaxation	APHA 24th Edition -4500-NO3 Method B(UV Screening Method) : 2023
11	Iron	(mg/l)	0.36	1	No Relaxation	APHA 24th Edition -3500- Fe Method B ( Phenanthroline Method):2023
12	Total Hardness	(mg/l)	148	200	600	IS 3025 (Part 21): 2023
13	Total Alkalinity	(mg/l)	174	200	600	IS 3025 (Part 23): 2023
14	Calcium (As Ca)	(mg/l)	40.87	75.00	200.00	IS 3025 (Part 40): 2024
15	Magnesium (As Mg)	(mg/l)	11.17	30	100	IS 3025 (Part 46): 2023

All these parameters are under NABL Scope, BDL- Below Detection Limit, NA- Not Analysed

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 7 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.
5. If the sample is supplied by customer, the results apply to the sample as received.



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





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Office of Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Rural), Ashiyana Phase-1, Near OHT, Kanth Road, Moradabad

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## Customer Details

## Basic details of sample

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## Environmental Condition

Temperature

25 ± 3 °C

Humidity

50 ± 15%

## Technical Data of Analysis

S.No.	Analysed Parameter	Units	Observed Value	Specified Values as per BIS 10500:2012 (Second Revision)		Ref. Method of Analysis
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1	2	3	4	5	6	7
1	Bacteriological	CFU/100 ml	0	(Shall not be detectable in any 100 ml sample)		IS 15185: 2016 / H2S Vial

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  5. Parameters above permissible limit are written in Bold.



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

