



# Analysis Report

District Level Water Analysis Laboratory  
U.P Jal Nigam (Rural), Mirzapur, (Uttar Pradesh)- India



TC-13296

Rept No | MBC8048 | Date | 17-03-2026 | Page No. | 1

### Customer Details

Office Name/Name and Address of the Customer | BKS Memorial Public School  
Majhawa, Kachhawa Bazar, Mirzapur-UP (India)

### Basic details of sample

State	Uttar Pradesh		
District	Mirzapur	Block	Majhawa
Gram Panchayat	Majhawa	Village/Mohalla	Majhawa
Habitation	Near SBI Bank	Location/Site Name	-
Water Source	R.O	Sample No.	1
Quantity of Sample	1000 ml	Date of Sample Collection	13-03-2026
Receiving Date	13-03-2026	Sample Collector	Krishna Kumar Singh
Sample Depositer	Krishna Kumar Singh	Sampling Method Used	N/A
Analysis Start Date	16-03-2026	Analysis Completion Date	17-03-2026

### Environmental Condition

Temperature | 23.4°C | Relative Humidity | 49%

### Technical Data of Analysis

S.No.	Analysed Parameter	Units	Observed Value	Specified Values as per IS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
1	Colour	Hazen	5	5	15	APHA 24th Edition-2120- color method B (Platinum Cobalt Visual Comparison method): 2023
2	Odour	Qualitative	Aggreable	-	-	IS 3025 (Part 5):2022: 2022
3	Taste	Qualitative	Aggreable	-	-	IS 3025 (Part 8): 2023: 2023
4	pH	-	7.72	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022 (Electrometric Method)
5	Turbidity	(NTU)	1.22	1.00	5.00	Apha 24th Edition-2130 -turbidity method B: 2023
6	TDS	(mg/L)	137.8	500	2000	IS 3025 (Part 16) : 2023
7	Chloride	(mg/L)	7.5	250	1000	APHA 24th Edition -4500-Cl Method B (Argentometric method): 2023
8	Total Alkalinity	(mg/L)	110	200	600	IS 3025 (Part 23) : 2023
9	Total Hardness	(mg/L)	95	200	600	IS 3025 (Part 21) : 2019
10	Sulphate	(mg/L)	4.32	200	400	APHA 24th Edition -4500-SO4 Method E (Turbidimetric Method): 2023
11	Nitrate	(mg/L)	3.10	45	45	APHA 24th Edition -4500- NO3 Method B (UV Screening Method): 2023
12	Fluoride	(mg/L)	0.128	1	1.5	APHA 24th Edition -4500-F Method C (Electrode Method) : 2023
13	Iron	(mg/L)	0.08	1.0	1.0	APHA 24th Edition -3500-Fe Method B (Phenanthroline Method) : 2023
14	Calcium	(mg/L)	14.028	75	200	IS 3025 (Part 40) :2023
15	Magnesium	(mg/L)	14.58	30	100	APHA 24th Edition -3500-Mg Method B (By Calculation): 2023

- Note**
- This Certificate refers only to the particular sample(s) submitted for testing.
  - 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 test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
  - The sample has not been collected by the lab, hence the entire responsibility of sample collection lies with the sample collector.
  - Sample will be stored up to 07 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.
  - The sampling method shall be applicable only when the departmental sampler personally visits the site to collect the sample; otherwise, it shall not be applicable.
  - BDL:- Below Detection Limit.
  - UDL:- Upper Detection Limit.

Prepared By

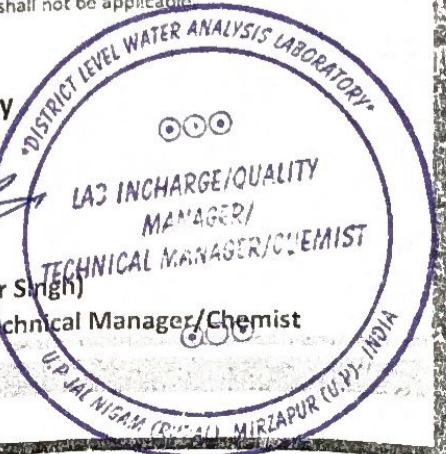
Reviewed By

Authorized Signatory

(Pradeep Kumar Saroj)  
Data Entry Operator

(Ajit Kumar Pandey)  
Lab Assistant

(Avinash Kumar Singh)  
Lab incharge/Quality Manager/Technical Manager/Chemist



Laboratory Contact details-Email ID:-labmirzapur@gmail.com, Mob-7004603349/9955720321

End of the Report