



# Analysis Report

District Level Water Analysis Laboratory

U.P. Jal Niyam (Rural), Jaunpur (Uttar Pradesh) - India

Rept No	BC 01/05/003	Date	17/05/2025	Page No.	1
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### Customer Details

Office Name and Address of the Customer	Lalji International School Pesara, Muftiganj, Jaunpur
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### Basic details of sample

State	Uttar Pradesh		
District	Jaunpur	Block	Muftiganj
Gram Panchayat	Pesara	Village/ Mohalla	Pesara
Habitation		Location/Site Name	
Water Source	R.O	Sample No.	1
Quantity of Sample	1000 ml	Date of Sample collection	07.05.2025
Receiving Date	07.05.2025	Sample collector	Krishna Pandey
Sample Depositer	Ram Krishna Pandey		
Analysis Start Date	11.05.2025	Analysis Completion Date	14.05.2025

### Environmental Condition

Temperature	24.6°C	Relative Humidity	64%
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### Technical Data of Analysis

S.No.	Analysis Parameter	Units	Observed Value	Specification Values as per IS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
1	pH	-	7029	6.5-8.5	6.5-8.5	IS 3025((Part 11): 2022 (Electrometric Method)
2	Turbidity	(NTU)	0.34	1.00	5.00	Alpha 24 <sup>th</sup> Edition- 2130- turbidity method B: 2023
3	TDS	(mg/L)	128.5	500	2000	IS 3025 (Part 16) : 2023
4	Chloride	(mg/L)	7.5	250	1000	ALPHA 24 <sup>th</sup> Edition – 4500- Cl Method B (Argentometric Method): 2023
5	Total Alkalinity	(mg/L)	105	200	600	IS 3025 (Part 23) : 2023
6	Total Hardness	(mg/L)	100	200	600	IS 3025 (Part 21) : 2019
7	Sulphate	(mg/L)	1.72	200	400	ALPHA 24 <sup>th</sup> Edition – 4500 – SO4 Method E (Turbidimetric Method) : 2023
8	Nitrate	(mg/L)	1.12	45	45	ALPHA 24 <sup>th</sup> Edition – 4500 – NO3 Method B (UV Screening Method) : 2023
9	Fluoride	(mg/L)	0.007	1	1.5	ALPHA 24 <sup>th</sup> Edition – 4500 – F Method C ( Electrode Method) : 2023
10	Iron	(mg/L)	0.02	1.0	1.0	ALPHA 24 <sup>th</sup> Edition – 3500 – Fe Method B (Phenanthroline Method) : 2023
11	Calcium	(mg/L)	12.024	75	200	IS 3025 (Part 40) : 2023
12	Magnessium	(mg/L)	17.01	30	100	ALPHA 24 <sup>th</sup> Edition – 3500 – Mg Method B (By Calculation) : 2023
13	Free R Chlorine	(mg/L)	0.0	0.2	1.0	DPD Tablet
14	Total Coliform	CFU	0	0	0	Membrane Filtration Method
15	E. Coli	CFU	0	0	0	Membrane Filtration Method

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 I lead of laboratory.  
 3. The test result reported in this certificate are valid at the time of and under the stated conditions of measurements.  
 4. Sample will be stored up to 0/days (In case of non perishable item only) from the date of issue of test report unless otherwise specified.  
 5. BDL: Below Detection Limit  
 6. UDL: Upper Detection Limit

(Lab Assistant)  
 Tested By

(Microbiologist)  
 Tested By

Authorized Signatory  
  
 Technical Manager