



District Level Water Analysis Laboratory,

Uttar Pradesh Jal Nigam, (Rural), Kalichabad
Sultanpur road District- Jaunpur - 222002

Issue No. :02

Issue Date. :18.04.2022

Revision No. : 00

Revision Date. : 00

Format No.-7.5 F- 01

TEST REPORT

Report No.	JNP/23/204	Date-	27/09/2023	S. No -204	Page No. 1	Page 1/1
Customer Details						
Office Name and Address	Sterling School Meerganj Machhalishahar Jaunpur					
Ref Letter No & Date	N/A					
Basic Details of sample						
District	Jaunpur	Block	Machhalishahar			
Gram Panchayat		Village	Meerganj			
Habitation		Location				
Water Source	R O	Sample No.	JNP/23/204			
Quantity of Sample	1000 ml	Date of S.C.	26/09/2023			
Receiving Date	27/09/2023	S. Collector				
Sample Depositer	Rajesh Kumar Singh (Manager)					
Analysis Start Date	27/09/2023	Analysis Date	27/09/2023			
Environmental Condition						
Temperature		Relative Humidity				
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		
	2	3	4	5	6	
1	pH @25°C	6.267	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method	
2	Turbidity (NTU)	1.002	1	5	IS 3025 (Part 10): 1984 (Nephelometric method)	
3	Total Dissolved Solids (mg/L)	100	500	2000	IS 3025 (Part 16): 1984, Gravimetric method	
4	Chloride (mg/L)	33	250	1000	IS 3025 (Part 32): 1988, Argentometric method	
5	Total Alkalinity (mg/L)	56	200	600	IS 3025 (Part 23): 1986 (Potentiometric and indicator method)	
6	Total Hardness (mg/L)	86	200	600	IS 3025 (Part 21): 2009, EDTA method	
7	Calcium (mg/L)	20.0	75	200	IS 3025 (Part 40): 1991 EDTA Titrimetric method	
8	Magnesium (mg/L)	9.2	30	100	IS 3025 (Part 46): 1994 (Volumetric method)	
9	Sulphate (as SO ₄)	18.2	200	400	APHA 24th Edition - 4500-SO ₄ Method E (Turbidimetric Method, 2023)	
10	Nitrate(as NO ₃)mg/L	21.90	45	No relaxation	APHA 24th Edition - 4500-NO ₃ Method B (UV Screening Method, 2023)	
11	Fluoride (as F)mg/L	0.199	1.0	1.5	APHA 24th Edition- 2017, 4500-F (C. Ion Selection Electrode Method)	
12	Iron(as Fe)mg/L	0.002	1.0	No relaxation	APHA 24th Edition - 3500- Fe Method B (Phenanthroline, 2023)	
13	Colour (Hazen units)	0	5	15	APHA 24th Edition -2120- Colour Method B(Platinum Cobalt Visual Comparison): 2023	

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 test reports unless otherwise specified.

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Report View by

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End of Test Report