



Analysis Report

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

Rept No BC/02/03/001 Date 07-03-2024 Page No. 1

Customer Details

Office Name and Address of the Customer Vidya Sanskar Public School
Kauriya Kala Ghatampur (Ahraura) Mirzapur

Basic details of sample

State	Uttar pradesh		
District	Mirzapur	Block	Jamalpur
Gram Panchayat	Kauriya Kala	Village/Mohalla	Kauriya Kala
Habitation	-	Location/Site Name	-
Water Source	R.O	Sample No.	1
Quantity of Sample	1000 ml	Date of Sample Collection	02.03.2024
Receiving Date	02.03.2024	Sample Collector	Ram Krishna Pandey
Sample Depositer	Ram Krishna Pandey		
Analysis Start Date	04.03.2024	Analysis Completion Date	05.03.2024

Environmental Condition

Temperature 24.6°C Relative Humidity 64%

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	pH	-	7.29	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022 (Electrometric Method)
2	Turbidity	(NTU)	0.34	1.00	5.00	Apha 24th 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	APHA 24th 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	APHA 24th Edition -4500-SO4 Method E (Turbidimetric Method): 2023
8	Nitrate	(mg/L)	1.12	45	45	APHA 24th Edition -4500- NO3 Method B (UV Screening Method): 2023
9	Fluoride	(mg/L)	0.007	1	1.5	APHA 24th Edition -4500-F Method C (Electrode Method) : 2023
10	Iron	(mg/L)	0.02	1.0	1.0	APHA 24th 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	APHA 24th 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 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 07 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.
 5. BDL:- Below Detection Limit.
 6. UDL:- Upper Detection Limit.


(Ajit Kumar Pandey)
(Lab Assistant)
Tested By


Aditya Anuj Singh
(Microbiologist)
Tested By

Authorized Signatory


(Avinash Kumar Singh)
Technical Manager/Chemist

Laboratory Contact details-Email-jalnigam3@gmail.com, Mob-7004603349/9955720321