



TC-9891

District Level Water Analysis Laboratory Aligarh
Address: First Floor, Office of Superintending Engineer U.P. Jal Nigam (Urban)
Aligarh 202001

Water Test Report

Report No:	AL/ILC/Pvt./31/2024	Issue Date:	07/02/2024
UTR No.	TC989124000000031A	Page No	01

Customer Details

Office Name and Address	M/s ST FIDELIS SCHOOL
Ref Letter No & Date	SFS/APP/05-02-2024

Basic details of sample

District	Aligarh	Block	-
Gram Panchayat	-	Village / NPP	-
Habitation	-	Location	St. Fidelis School Kheda Khush Khabar, Jiroli Dor Post, Aligarh (U.P.) 202140
Water Source	R O Water	Sample No.	01
Quantity of Sample	1000 ml	Date of Collection	05/02/2024
Receiving Date	05/02/2024	Sample Collector	Mr. Jojo George
Sample Depositor	Mr. Jojo George	Sampling Method	As per IS 17614: Part 1:2021 & APHA 24 th Edition
Analysis Start Date	06/02/2024	Analysis Completion Date:	07/02/2024

Technical Data of Analysis

S.No.	Analyzed parameters	Unit of Measurement)	Observed Value	Specified Values as per BIS		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
1	pH	-	7.71	6.5-8.5	6.5-8.5	IS 3025 (Part 11):2022 (Electrometric method)
2	Turbidity	NTU	0.52	1	5	IS 3025 (Pt 10):2023
3	TDS	mg/L	131	500	2000	IS 3025 (Pt 16):2023
4	Fluoride	mg/L	0.06	1	1.5	APHA 24 th Edition 4500-F Method C (Electrode method) 2023
5	Total Hardness	mg/L	84	200	600	IS 3025 (Part 21):2019
6	Total Alkalinity	mg/L	96	200	600	IS 3025 (Part 23):2023
7	Chloride	mg/L	12	250	1000	IS 3025 (Part 32):2019
8	Iron	mg/L	0	1	1	APHA 24 th Edition 3500-Fe Method B (Phenanthroline Method) 2023
9	Sulphate	mg/L	2.9	200	400	APHA 24 th Edition 4500-SO4 Method E (Turbidity Method) 2023
10	Calcium	mg/L	11.2	75	200	IS 3025 (Part 40):2023
11	Magnesium	mg/L	13.6	30	100	IS 3025 (Part 46):2019
12	Nitrate	mg/L	1.8	45	45	APHA 24 th Edition 4500-NO3 Method D (UV Screening Method) 2023
13	Arsenic	mg/L	0	0.01	0.30	IS 3025 (Part 37): 2022
14	Color (Hazen)	-	1	5	15	IS 3025 (Part 4) : 2021
15	Odour	-	Agreeable	-	-	IS 3025 (Part 05):2022
16	Taste	-	Agreeable	-	-	IS 3025 (Part 08):2023
17	E.-Coli.	CFU	0	-	-	APHA 23 rd Edition: 2017
18	Total Coliform	CFU	0	-	-	APHA 23 rd Edition: 2017

Note

1. This Certificate refers only to the 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.
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 10 days (in case of non-perishable items only) from the date of issue of tests reports.
5. Remark- Parameters above permissible limits are written in Bold.
6. Sample not Collected by Laboratory.

Tested By

Yashwant Singh
Yashwant Singh
(Deputy Technical Manager)

Authorized Signatory

Shailendra Singh Rajawat
07/02/2024
Shailendra Singh Rajawat
(Deputy Technical Manager)
Chemist/In-Charge
District Level Water Analysis
Laboratory
U.P. Jal Nigam (Rural), Aligarh

Laboratory Contact details
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