



Test Report

District Level Water Analysis Laboratory, U.P. Jal Nigam, (Rural)
Barabanki

Address:-Office of Executive Engineer, Construction Divisio, U.P. Jal Nigam, Barababju

Certificate No. 74,000/09

Report No:	BBK/April/05	Issue Date:	24/04/2024	Page No	1-2
Remark		Address:	UPJN Barabanki	Mob:	9918803036

Customer Details

Name and contact info. of customer	Samar International School, 9415118121
Office Name and Address	Samar International School, Bahraich Road, Barabanki
Ref Letter No & Date	23/04/2024

Basic details of sample

District	Bahraich	Block	-
Gram Panchayat	-	Village	-
Habitation	-	Location	Birauli Chauraha, Barabanki
Water Source	HP,	Sample No.	BBK/05
Quantity of Sample	1 liter	Date of Collection	23/04/2024
Receiving Date	23/04/2024	S. Collector	Devendra Yadav
Sample Depositor	Devendra Yadav	Sampling Method	
Analysis Start Date	23/04/2024	Analysis Completion Date:	24/04/2024

Technical Data of Analysis

	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
1	pH @ 25°C	7.32	6.5-8.5	6.5-8.5	IS 3025 (Part 11):2017 (Electrometric method)
2	Turbidity NTU	2.50	1	5	IS 3025 (Pt 10):2017
3	TDS mg/L	310	500	2000	IS 3025 (Pt 16):2017
4	Fluoride mg/L	0.20	1	1.5	APHA 23 rd Edition 4500-F Method C (Electrode method) 2017



Principal
Samir International School
Birauli, Barabanki



Manager
Samir International School
Birauli, Barabanki

5	Total Hardness mg/l	280	200	600	IS 3025 (Part 21) 2019
6	Total Alkalinity mg/l	235	200	600	IS 3025 (Part 23) 2019
7	Chloride mg/l	56.2	250	1000	IS 3025 (Part 32) 2019
8	Iron mg/l	0.14	1	1	APHA 23 rd Edition 3500-Fe Method B (Phenanthroline Method) 2017
9	Sulphate mg/L	26.9	200	300	APHA 23 rd Edition 4500-SC1 Method E (Turbidity Method) 2017
10	Nitrate mg/L	Below Detection Limit	45	45	APHA 23 rd Edition 4500-NO3-Method D (UV Screening Method) 2017
11	Calcium mg/l	72.6	75	200	IS 3025 (Part 40) 2019
12	Magnesium mg/L	23.72	30	100	IS 3025 (Part 46) 2019
13	Color (CU) at pH	5	5	15	APHA 23 rd Edition Color 2120 B (Visual Comparison Method)
14	Arsenic (As)	Below Detection Limit	0.01	0.05	APHA 23 rd Edition (AAs)

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.
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.

Prepared By: 
Technical Manager
 District Level Water Analysis Laboratory
 Barabanki (U. P.)

Authorized Signatory: 
(Arpan)
 Testing Lab In charge

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x.....End of Report.....x


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