



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

Address- Divisional office of Executive Engineer, U P Jal Nigam(Rural), Baghat U P-250609

### Test Report

Report No	C/024/09/30	Issue Date:	04-09-2024	ULR No	
Rept No				Page No	01/1
Cont. Person.	Mr Sunil Kumar (Q M)	Address:	District Level Water Analysis Laboratory, U.P. J N Baghat	Mob	7520428511

#### Customer Details

Office Name and Address	Shri Ram Public School, Doghat, Baraut, Baghat, U.P.
Ref Letter No & Date	SRPS/055/24

#### Basic details of sample

District	Baghat	Block	Doghat
Gram Panchayat	Doghat	Village	Doghat
Habitation	Doghat	Location	Shri Ram Public School, Doghat
Water Source	Submersible	Sample No.	C/024/08/30
Quality of Sample	Received in good Condition	Date of S.C.	02-09-2024
Receiving Date	02-09-2024	S. Collector	Omveer
Sample Depositor	Omveer	Sampling Method	As per IS 17614 (Part 1) 2021
Analysis Start Date	04-09-2024	Analysis Completion Date:	04-09-2024

#### Technical Data of Analysis

1	Analyzed parameters	Unit of Measurement	Observed Value	Specified Values as per BIS 10500 (2017)		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
2	3	4	5	6	7	
1	pH @ 25°C	-	8.26	6.5-8.5	6.5-8.5	IS 3025(Part 11): 2022
2	Total Dissolved Solids	mg/L	310	500	2000	IS 3025(Part 16): 2023
3	Chloride	mg/L	13.23	250	1000	IS 3025(Part 32): 2019
4	Total Alkalinity	mg/L	257.4	200	600	IS 3025(Part 23): 2023
5	Total Hardness	mg/L	137.7	200	600	IS 3025(Part 21): 2019
6	Nitrate	mg/L	0.0	45.0	45.0	APHA 24 <sup>th</sup> Edition 4500- NO <sub>3</sub> Method-D(UV Screening):2023
7	Fluoride	mg/L	0.863	1.0	1.5	APHA 24 <sup>th</sup> Edition 4500- F Method-C (Electrode Method ):2023
8	Calcium	mg/L	30.7	75.0	200	IS 3025(Part 40): 2019
9	Magnesium	mg/L	13.7	30.0	100	IS 3025(Part 46): 2023 (Calculation Method)
10	Iron	mg/L	0.0	1.0	1.0	APHA 24 <sup>th</sup> Edition 3500- Fe Method-B (1,10Phenathroline): 2023
11	Colour	Hazen	-	5.0	15.0	IS 3025(Part 4):2021
12	Odour	-	Odorless	Agreeable	Agreeable	IS 3025(Part 5):2022
13	Total coliform	CFU	0.0	Shall not be detected in 100 ml sample	Shall not be detected in 100 ml sample	IS 15185 2016
14	E.Coli	CFU	0.0	Shall not be detected in 100 ml sample	Shall not be detected in 100 ml sample	IS 15185 2016
15	Free residual chlorine	mg/L	-	0.2	1.0	IS 3025(Part 26): 2021
16	Turbidity	NTU	1.5	1.0	5.0	IS 3025(Part 10): 2023
17	Conductivity	mS/cm	0.565			IS 3025(Part 14): 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.
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

Reviewed by:

Vineet Kumar  
(Assistant Engineer)

Authorized Signatory:

Sunil Kumar  
(Quality Manager)

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\*\*\*\*\*End of Report\*\*\*\*\*