



# Analysis Report

State Level Water Analysis Laboratory, U.P. Jal Nigam  
6, Rana Pratap Marg, Lucknow.



Certificate No.: TC-9874

Report No	Chemical Test/111566(1)/2022-2023	Date	20.10.2022	S.No	Page No	1	page 1/1
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## Customer Details

Office Name and Address	SETH M.R. JAIPURIA SCHOOL, KURSI ROAD CAMPUS, LUCKNOW.
Ref Letter No & Date	11.10.2022

## Basic details of sample

District	LUCKNOW	Block/Area	Paikramau
Gram Panchayat	-	Village	-
Habitation	-	Location	Kursi Road Campus
Water Source	Tubewell	Sample No.	111566
Quality of Sample	1000 ml + 500ml	Date of S.C.	11.10.2022
Receiving Date	11.10.2022	S. Collector	Shri Ashish Dixit
Sample Depositer	Shri Ashish Dixit		
Analysis Start Date	12.10.2022	Analysis Completion Date	18.10.2022

## Environmental Condition

Temperature	22± 5 °C	Relative Humidity	Upto 70%
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## 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 in absence of alternate source	
1	2	3	4	5	6	7
1	pH	-	8.31	6.5-8.5	6.5-8.5	IS 3025 (Part II) :2012
2	Turbidity	NTU	1.44	1.00	5.00	IS 3025 (Part 10) : 2012
3	TDS	mg/L	45	500	2000	IS 3025 (Part 16) : 2008
4	Chloride	mg/L	7.34	250	1000	IS 3025 (Part 32) : 2014
5	Total Alkalinity	mg/L	30	200	600	IS 3025 (Part 23) : 2008
6	Total Hardness	mg/L	10	200	600	IS 3025 (Part 21) : 2009
7	Sulphate	mg/L	1	200	400	IS 3025 (Part 24) : 2009
8	Nitrate	mg/L	BDL (DL:1.0)	45	45	APHA 23 <sup>rd</sup> Edition 2017, Meth, 4500 No <sub>3</sub> -B
9	Fluoride	mg/L	BDL (DL:0.5)	1.00	1.50	IS 3025 (Part 60) : 2008
10	Iron	mg/L	BDL	1.00	1.00	APHA 23 <sup>rd</sup> edition 2017
11	Arsenic	mg/L	0.000001	0.010	0.010	APHA 23 <sup>rd</sup> edition 2017

- 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 tests reports unless otherwise specified.
  5. BDL= Below Detection Limit ,DL= Detection Limit

*Abhishek Singh*  
20/10/2022  
(Abhishek Singh)  
Lab Technician  
Prepared By

Authorized Signatory  
*Anil Kumar*  
Technical Manager

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

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# Analysis Report

State Level Water Analysis Laboratory, U.P. Jal Nigam  
6, Rana Pratap Marg, Lucknow.

Report No	Chemical Test/111566(2)/2022-2023	Date	20.10.2022	S.No	Page No	1	page 1/1
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Office Name and Address	SETH M.R. JAIPURIA SCHOOL, KURSI ROAD CAMPUS, LUCKNOW.
Ref Letter No & Date	11.10.2022

Basic details of sample			
District	LUCKNOW	Block/Area	Paikramau
Gram Panchayat		Village	
Habitat		Location	Kursi Road Campus
Water Source	Tubewell	Sample No.	111566
Quantity of Sample	500ml + 250ml	Date of S.C.	11.10.2022
Receiving Date	11.10.2022	S. Collector	Shri Ashish Dixit
Sample Depositor	Shri Ashish Dixit		
Analysis Start Date	12.10.2022	Analysis Completion Date	18.10.2022

Environmental Condition			
Temperature	22± 5 °C	Relative Humidity	Upto 70%

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 in absence of alternate source	
1	2	3	4	5	6	7
1	Boron	mg/L	BDL	0.5	1.00	APHA 23rd edition, 2017 (Part 3125) ICP-MS Method
2	Aluminium	mg/L	BDL	0.03	0.2	APHA 23rd edition, 2017 (Part 3125) ICP-MS Method
3	Total Chromium	mg/L	BDL	0.05	0.05	APHA 23rd edition 2017, (Part 3125) ICP-MS Method
4	Magnesium	mg/L	BDL	30	100	APHA 23rd edition, 2017 (Part 3125) ICP-MS Method
5	Calcium	mg/L	BDL	75	200	APHA 23rd edition, 2017 (Part 3125) ICP-MS Method
6	Nickel	mg/L	BDL	0.02	0.02	APHA 23rd edition, 2017 (Part 3125) ICP-MS Method
7	Copper	mg/L	BDL	0.05	1.5	APHA 23rd edition 2017, (Part 3125) ICP-MS Method
8	Zinc	mg/L	BDL	5.00	15.00	APHA 23rd edition, 2017 (Part 3125) ICP-MS Method
9	Silver	mg/L	BDL	0.1	0.1	APHA 23rd edition, 2017 (Part 3125) ICP-MS Method
10	Cadmium	mg/L	BDL	0.003	0.003	APHA 23rd edition, 2017 (Part 3125) ICP-MS Method
11	Lead as Pb	mg/L	BDL	0.01	0.01	APHA 23rd edition 2017, (Part 3125) ICP-MS Method
12	Total Coliform	CFU/100 mL	0.00	0	0	APHA 23 <sup>rd</sup> edition 2017, 9222 -B
13	E.coli	CFU/100 mL	0.00	0	0	APHA 23 <sup>rd</sup> edition 2017, 9222 -B

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*Abhishek Singh*  
(Abhishek Singh)  
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Prepared By

Authorized Signatory  
Technical Manager  
(Anil Kumar)  
Technical Manager

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

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