District Level Water Analysis Laboratory

(An NABL Accredited Laboratory)

Uttar Pradesh Jal Nigam (Rural), Kanpur Dehat

Mati Akbarpur - 209101

KANPUR DEHAT

TC-17035

(TEST REPORT)

ULR No. : TC-17035-260000000016F	Date: 11/09/2026	No. of Pages: 1

Customer Details

Office Name and Address	**Green Valley Public School Lalpur Rly. Station Road, Akbarpur, Kanpur Dehat**
Ref. Letter No. & Date	

Basic Details of Sample

District	Kanpur Dehat	Block	Akbarpur
Gram Panchayat	Patepur	Village	Patepur
Habitation	Patepur	Location	**Green Valley Public School**
Water Source	Bore well	Sample Code	KD/09/1C
Quantity of Sample	500ML	Sampling date	09/09/2026
Sample Received Date	09/09/2026	S. collected by	Brajesh
Sampling Method Used	IS 17614(Part-1): 2021	Sample Depositor	Brajesh
Analysis Start Date	11/09/2026	**Analysis Completion date**	11/09/2026
Temperature	**27.5 °C**	Humidity	**40%**

S. No.	Analyzed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	pH@25°C	7.1	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
2	Turbidity (NTU)	2.1	1	5	IS 3025 (Part 10):2023 (Nephelometric method)
3	Total Dissolved Solids, mg/l	210	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
4	Chloride (as Cl), mg/l	24	250	1000	IS 3025 (Part 32): 2019 Argent metric method
5	Total Hardness, (as CaCO3) mg/l	120	200	600	IS 3025 (Part 21): 2019 (EDTA method)
6	Total Alkalinity, (as CaCO3) mg/l	144	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
7	Calcium (as Ca), mg/l	16	75	200	IS 3025 (Part 40): 2024 EDTA Titrimetric method
8	Magnesium (as Mg), mg/l	19.4	30	100	IS 3025 (Part 46): 2023 (Volumetric method)
9	Iron (as Fe), mg/l	0.46	1.0	No relaxation	APHA 24rd Edition -3500-Fe Method B (Phenanthroline Method): 2023
10	Nitrate (as NO3), mg/l	11.15	45	No relaxation	APHA 24rd Edition -4500- NO3 Method B (UV Screening Method): 2023
11	Sulphate (as SO4), mg/l	51.37	200	400	APHA 24rd Edition -4500- SO4 Method E (Turbid metric Method): 2023
12	Fluoride (as F), mg/l	0.34	1.0	1.5	APHA 24rd Edition -4500-F Method C (Ion-Selective Electrode Method): 2023
13	Colour (Hazen units)	5	5	15	APHA 24rd Edition -2120- Colour Method B (Platinum Cobalt Visual Comparison): 2023

All These Parameters are under NABL Scope, BDL-Below Detection Limit, NA-Not Analyzed

Note:

1. This certificate refers only to the particular sample(s) submitted for analysis.
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 analysis results reported in this certificate are valid at the time of and under the stated conditions of measurements.
4. Sample(s) will be stored up to 07 days (in case of non-perishable items only) from the date of issue of analysis reports, unless otherwise specified.
5. Parameters above Permissible Limit are written in bold.
6. Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.
7. Sample is Collected by Lab.

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END OF THE ANALYSIS REPORT