Water Analysis Report

TC 13584

District Level Water Analysis Laboratory U.P. Jal Nigam (Rural)
Building No-371, Jal Kal Campus, Near Cold Storage Akarampur, Unnao (209866)

Report No- 01	URL No. TC135842500000001F	Page No. 1

Customer Details

Office Name and Address	MOUNT LITERA ZEE SCHOOL UNNAO
Ref Letter No & Date	MLZS/2026/ 02/01/2026

Basic details of sample

District	UNNAO	Block	Unnao
Gram Panchayat/ Nagar Panchayat	Unnao	Village / NPP	Unnao
Habitation	Unnao	Location	Unnao
Water Source	Submercible Water	Sample Code	C/26/01/P01
Quantity of Sample	1000 ml	Date of Sample Collection	02-01-2026
Receiving Date	02-01-2026	Sample Collector	C.M. Pathak
Sample Depositer	C.M. Pathak	Sampling Method Used	IS 17614 (Part 1) : 2021
Analysis Start Date	05-01-2026	Analysis Completion Date	05-01-2026

Environmental Condition

Temperature	25± 3 °C	Humidity	50 ± 15%

Technical Data of Analysis

S.No.	Analysed Parameter	Units	Observed Value	Specified Values as per BIS 10500:2012 (Second Revision)		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
	Turbidity*	(NTU)	0.18	1.00	5.00	IS 3025 (Part 10): 2023 (Nepheiometric Method)
2	Ph*	-	8.35	6.5-8.5	No Relaxation	IS 3025 (Part 11):2022
3	TDS*	(mg/L)	452.3	500	2000	IS 3025 (Part 16): 2023 (Gravimetric Method)
4	Chloride*	(mg/L)	29.56	250	1000	IS 3025 (Part 32):2019 (Argentometric Method)
5	Fluoride*	(mg/L)	1.04	1	1.5	APHA 24th Edition -4500-F Method C (Distillation Method) , 2023
6	Sulphate*	(mg/L)	10.742	200	400	APHA 24th Edition -4500- SO4 Method E (Turbidimetric Method) ,2023
7	Nitrate*	(mg/L)	0.811	45	No Relaxation	APHA 24th Edition -4500-NO3 Method B (UV Screening Method) , 2023
8	Iron*	(mg/L)	0.832	1	No Relaxation	APHA 24th Edition -3500- Fe Method B (Phenanthroline Method) , 2023
9	Total Hardness*	(mg/L)	400	200	600	IS 3025 (Part 21):2023 (EDTA Method)
10	Total Alkalinity*	(mg/L)	408	200	600	IS 3025 (Part 23):2023 (Indicator Method)
11	Calcium (As Ca)*	(mg/L)	40.0	75	200	IS 3025 (Part 40):2023 (EDTA Titrimetric Method)
12	Magnesium (As Mg)*	(mg/L)	72.00	30	100	IS 3025 (Part 46): 2023 (Volumetric Method)

Note

1. (*) Indicates parameters that are NABL Accredited.
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 7 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.
5. Parameters above permissible limits are written in Bold.*

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Chemist
Reviewed By

Authorized Signatory
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Technical Manager

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Quality Manager
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