



N. D. INTERNATIONAL LAB LLP

GOVERNMENT REGISTERED
An ISO 9001:2015 Certified Company

TEST REPORT



TC - 15617

ULR No.:TC1561726000003457F

Certificate No : NDI/WTR/25-26/07853

UID No : NDI/WTR/25-26/07853

Format No.: NDI/FM/50

Dated : 12/03/2026

Page No.: 1 of 2

Sample Drawn By : N.D. International LAB LLP

Name of Customer : Lakshmipat Singhania Academy
Address : 12B, Alipore Road, Kolkata-700027

Description of Sample : Drinking Water
Collection Source : Rooftop RO Plant

Sampling Done by : A.Chakraborty
Environmental Condition : Temperature :31°C, Humidity : 51%
Sample Drawn on : 06/03/2026
Analysis Started on : 07/03/2026
Analysis Completed on : 12/03/2026

Sample Quantity : 2.2 ltr

Sample Received on : 07/03/2026

Method of Sampling : IS-17614:(P-5):2021(Chem)

Mode of Sampling : Grab

Sampling Plan : NDI/FM/52A

TEST RESULT

Sl.No.	Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
Organoleptic & Physical Parameters						
1	Colour	IS 3025 (Part 4)	Hazen	<1.0(DL:1.0)	Max 5.0	Max 15
2	Odour	IS 3025 (Part 5)	-	Agreeable	Agreeable	Agreeable
3	pH at 25°C	APHA (24th Edition) 4500 H+ B	-	6.7	6.5-8.5	No relaxation
4	Taste	IS 3025 (Part 8)	-	Agreeable	Agreeable	Agreeable
5	Turbidity.	APHA (24th Edition) 2130B	NTU	<1.0(DL:1.0)	Max 1.0	Max 5.0
6	Total Dissolved Solids.	APHA (24th Edition) 2540C	mg/l	38.0	Max 500	Max 2000
General Parameters Concerning Substances Undesirable						
7	Calcium (as Ca)	APHA (24th Edition), 3500-Ca B	mg/l	0.78	Max 75.0	Max 200
8	Chloride (as Cl).	APHA (24th Edition)4500 Cl B	mg/l	13.3	Max 250	Max 1000



- The test report shall not be reproduced,except in full,without written approval of the company.
- Results relate only to the parameters tested.
- The remaining sample after test will be retained for 15 days from the date of issue of certificate.



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Sl.No.	Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
9	Iron (as Fe)	APHA (24th Edition), 3500-Fe B	mg/l	<0.10(DL:0.10)	Max 0.3	No relaxation
10	Magnesium (Mg)	APHA (24th Edition) 3500-Mg	mg/l	0.48	Max 30.0	Max 100
11	Sulphate (as SO ₄).	APHA (24th Edition), 4500-SO ₄ E	mg/l	<5.0(DL:5.0)	Max 200	Max 400
12	Total Alkalinity as CaCO ₃ .	APHA (24th Edition), 2320 B	mg/l	19.5	Max 200	Max 600
13	Total Hardness (as CaCO ₃).	APHA (24th Edition) 2340 C	mg/l	3.92	Max 200	Max 600
Microbiological Test Parameters						
14	Total Coliform in cfu(Membrane Filtration)	IS 1622	cfu/100ml	Absent	Not Detectable	Not Detectable
15	Detection of E. coli MF	IS 1622	cfu/100ml	Absent	Not Detectable	Not Detectable

Note : DL: Detection Limit. Max: Maximum.

Remarks : Bacteriologically: Satisfactory for the above tested parameters. Chemically: Satisfactory for the above tested parameters. Statement of Conformity is applied considering Decision Rule as per ISO Guide 98-4.

End of Report

FOR N.D. INTERNATIONAL LAB LLP

Sweta Mukherjee
(Microbiologist)

Authorized Signatory



FOR N.D. INTERNATIONAL LAB LLP

Sutapa Patra
Quality Manager

Authorized Signatory



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