



N. D. INTERNATIONAL LAB LLP

GOVERNMENT REGISTERED
An ISO 9001:2015 Certified Company

TEST REPORT



TC - 15617

ULR No.:TC1561726000008911F

Format No.: NDI/FM/50

Certificate No : NDI/WTR/26-27/01833

Dated : 17/06/2026

UID No : NDI/WTR/26-27/01833

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 : R.O. Plant

Sampling Done by : A.Chakraborty
Environmental Condition : Temperature :36°C, Humidity : 75%
Sample Drawn on : 12/06/2026
Analysis Started on : 12/06/2026
Analysis Completed on : 17/06/2026

Sample Quantity : 2.2 ltr

Sample Received on : 12/06/2026

Method of Sampling : IS-1622:1981, IS-17614:(P-25):2022 (Bact), 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)	CU	<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	-	6.6	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	48	Max 500	Max 2000
General Parameters Concerning Substances Undesirable						
7	Calcium (as Ca)	APHA (24th Edition), 3500-Ca B	mg/l	4.70	Max 75.0	Max 200
8	Chloride (as Cl).	APHA (24th Edition)4500 Cl B	mg/l	<5.0 (DL:5.0)	Max 250	Max 1000

1. The test report shall not be reproduced,except in full,without written approval of the company.
2. Results relate only to the parameters tested.
3. 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	1.43	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	22.20	Max 200	Max 600
13	Total Hardness (as CaCO ₃).	APHA (24th Edition) 2340 C	mg/l	17.64	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

Tathagata Talukder

HOD

Authorized Signatory



FOR N.D. INTERNATIONAL LAB LLP

Sutapa Patra

Quality Manager

Authorized Signatory

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