



N. D. INTERNATIONAL LAB LLP

GOVERNMENT REGISTERED
An ISO 9001:2015 Certified Company

TEST REPORT



TC - 15617

Format No.: NDI/FM/50

Dated : 28/04/2025

Page No.: 1 of 2

ULR No.:TC1561725000002120F

Certificate No : NDI/WTR/25-26/00418

UID No : NDI/WTR/25-26/00418

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 : RO Plant

Sampling Done by : S.Mondal
Environmental Condition : Temperature :37°C, Humidity :60%
Sample Drawn on : 23/04/2025
Analysis Started on : 23/04/2025
Analysis Completed on : 28/04/2025

Sample Quantity : 2.2 LTR
Sample Received on : 23/04/2025

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

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	-	6.5	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	30	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	9	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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ULR No.:TC1561725000002120F

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Page No.: 2 of 2

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	<0.1 (DL:0.1)	Max 0.3	No relaxation
10	Magnesium (Mg)	APHA (24th Edition) 3500-Mg	mg/l	0.5	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	10	Max 200	Max 600
13	Total Hardness (as CaCO ₃)	APHA (24th Edition) 2340 C	mg/l	4	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

K. P. De

CEO

Authorized Signatory

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N. D. INTERNATIONAL

GOVERNMENT REGISTERED

An ISO 9001:2015 Company | Certificate : 23DQMS20

TEST REPORT



TC - 5910

ULR No.:TC591025000000745F

Certificate No : NDI/WTR/24-25/05240

UID No : NDI/WTR/24-25/05240

Sample Drawn By : N.D. International

Format No.: NDI/FM/50

Dated : 24/01/2025

Page No.: 1 of 2

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

Description of Sample : Drinking Water
Collection Source : RO Plant

Sampling Done by : S. Mondal
Environmental Condition : Temperature : 24°C, Humidity : 51%
Sample Drawn on : 18/01/2025
Analysis Started on : 18/01/2025
Analysis Completed on : 23/01/2025

Sample Quantity : 2.2 LTR
Sample Received on : 18/01/2025

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)	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	-	6.5	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	Max 500	Max 2000
General Parameters Concerning Substances Undesirable						
7	Calcium (as Ca)	APHA (24th Edition), 3500-Ca B	mg/l	0.8	Max 75.0	Max 200
8	Chloride (as Cl)	APHA (24th Edition)4500 Cl B	mg/l	9	Max 250	Max 1000

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An ISO 9001:2015 Company | Certificate : 23DQMS20
TEST REPORT



ULR No.:TC591025000000745F

Certificate No : NDI/WTR/24-25/05240

UID No : NDI/WTR/24-25/05240

Sample Drawn By : N.D. International

Format No.: NDI/FM/50

Dated : 24/01/2025

Page No.: 2 of 2

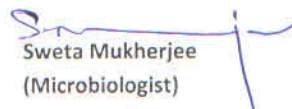
Sl.No.	Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
9	Iron (as Fe)	APHA (24th Edition), 3500-Fe B	mg/l	<0.1 (DL:1.0)	Max 0.3	No relaxation
10	Magnesium (Mg)	APHA (24th Edition) 3500-Mg	mg/l	0.49	Max 30.0	Max 100
11	Sulphate (as SO ₄)	APHA (24th 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	24	Max 200	Max 600
13	Total Hardness (as CaCO ₃)	APHA (24th Edition) 2340 C	mg/l	4	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.

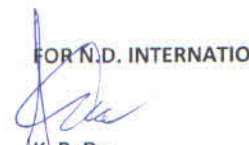
End of Report

FOR N.D. INTERNATIONAL


Sweta Mukherjee
(Microbiologist)
Authorized Signatory



FOR N.D. INTERNATIONAL


K. P. De
CEO
Authorized Signatory

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N. D. INTERNATIONAL

GOVERNMENT REGISTERED

An ISO 9001:2015 Company | Certificate : 23DQMS20

TEST REPORT



TC - 5910

Format No.: NDI/FM/50

Dated : 12/08/2024

Page No.: 1 of 2

ULR No.:TC591024000006297F

Certificate No : NDI/WTR/24-25/02000

UID No : NDI/WTR/24-25/02000

Sample Drawn By : N.D. International

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

Description of Sample : Drinking Water
Collection Source : Washing Area 1st Floor Tap Water

Sampling Done by : Mr. S. Rajak
Environmental Condition : Temperature : 29°C, Humidity : 57%
Sample Drawn on : 06/08/2024
Analysis Started on : 07/08/2024
Analysis Completed on : 12/08/2024
Sample Quantity : 2 Ltr.
Sample Received on : 07/08/2024

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)	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	-	6.5	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	32	Max 500	Max 2000
General Parameters Concerning Substances Undesirable						
7	Calcium (as Ca)	APHA (24th Edition), 3500-Ca B	mg/l	0.8	Max 75.0	Max 200
8	Chloride (as Cl)	APHA (24th Edition)4500 Cl B	mg/l	12	Max 250	Max 1000

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An ISO 9001:2015 Company | Certificate : 23DQMS20

TEST REPORT



TC - 5910

Format No.: NDI/FM/50

Dated : 12/08/2024

Page No.: 2 of 2

ULR No.: TC591024000006297F

Certificate No : NDI/WTR/24-25/02000

UID No : NDI/WTR/24-25/02000

Sample Drawn By : N.D. International

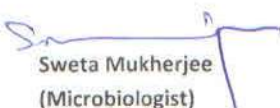
Sl.No.	Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
9	Iron (as Fe)	APHA (24th Edition), 3500-Fe B	mg/l	<0.1 (DL:0.1)	Max 0.3	No relaxation
10	Magnesium (Mg)	APHA (24th Edition) 3500-Mg	mg/l	0.49	Max 30.0	Max 100
11	Sulphate (as SO ₄).	APHA (24th 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	8	Max 200	Max 600
13	Total Hardness (as CaCO ₃).	APHA (24th Edition) 2340 C	mg/l	4	Max 200	Max 600
Microbiological Test Parameters						
14	Total Coliform/100ml @ 37°C for 24 hours	IS 1622	-	Absent	Not Detectable	Not Detectable
15	Detection of E. coli/100 ml @ 44.5°C for 24 hours	IS 1622	-	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.

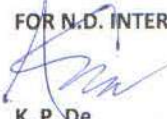
End of Report

FOR N.D. INTERNATIONAL


Sweta Mukherjee
(Microbiologist)
Authorized Signatory



FOR N.D. INTERNATIONAL


K. P. De
CEO
Authorized Signatory

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The Kolkata Municipal Corporation
Office of Executive Engineer Water Supply (West)
212, Rashbehari Avenue, Kol.- 700019

Memo No. EEWs(W)/04/2024-25
Dated: 27.08.24

To
Mr. Darshan Singh Gill
Admin. Officer
Lakshmipat Singhania Academy
12B, Alipore Road,
Kolkata - 700027.

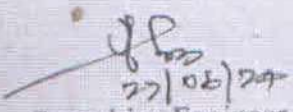
Ref : In response to your letter dated 27.06.2024
Re : 12B, Alipore Road, Ward no.- 74

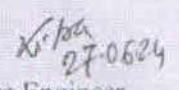
Sir,

With reference to your letter dated 27.06.24, it is to be reported that the sample of water as collected from your institute by KMC official has been tested in KMC Laboratory and test report has been issued by KMC on 08.05.24. As certified by KMC Central Laboratory (Water Section), the water in your institution as collected is potable and safe

This report is only applicable in respect of water supply in your institution as mentioned above.

Thanking you,


27/08/24
Consulting Engineer
Water Supply Department
K.M.C.


27-0624
Executive Engineer,
Water Supply Deptt. (West),
The Kolkata Municipal Corporation
Executive Engineer (WES-1)
WATER SUPPLY DEPTT.
K.M.C.





THE KOLKATA MUNICIPAL CORPORATION
CENTRAL LABORATORY (WATER SECTION), HEALTH
1A, HOGG STREET, KOLKATA - 700087

WATER TEST REPORT

Ref. No. CL/WTR/OPS-04/24-25

Name of Client and Address: LAKSHMIPAT SINGHANIA ACADEMY 12 B, ALIPORE ROAD, Pincode - 700027	Receipt number with date	E/2024/1496, dated 08/05/2024
	Sample Type	Drinking water
	Sample Received From	Water Purifier
	Sample Received On	15/05/2024

Water Analysis Result

Microbiological Analysis

Sl. No.	Characteristic	Limit as per Drinking Water Standard: IS:10500, 2012	Test Method	Result
1.	Total Coliform Count/100ml	Not Detectable	IS 15185-2016	Not Detected
2.	Fecal Coliform Count/100ml	Not Detectable	IS 15185-2016	Not Detected

(B) Chemical Analysis

Sl No.	Test Parameter	Test Method	As per Drinking Water Standard: IS: 10500:2012		Result
			Acceptable Limit	Permissible Limit	
1.	pH value at 25°C	IS 3025(Part 11):1984(RA 2012)	6.5-8.5	No Relaxation	6.63
2.	Turbidity in NTU	IS 3025(Part 10):1984(RA2012)	1	5	0.27
3.	Chloride(as Cl) in mg/l	IS 3025(Part 32):1988(RA2014)	250	1000	20.12
4.	Alkalinity (as CaCO ₃) in mg/l	IS 3025(Part 23):1986(RA2014)	200	600	38.34
5.	Total Hardness (as CaCO ₃) in mg/l	IS 3025(Part 21):2013	200	600	7.97
6.	Calcium(as Ca) in mg/l	IS 3025(Part 40):1991(RA2014)	75	200	BDL
7.	Magnesium(as Mg) in mg/l	IS 3025(Part 46):1994(RA2014)	30	100	1.91
8.	Total Dissolved Solid(TDS) in mg/l	IS 3025(Part 16):1984(RA2012)	500	2000	48.00
9.	Sulphate(as SO ₄) in NTU	IS 3025(Part 24):1986(RA2014)	200	400	1.79
10.	Iron (as Fe) in mg/l	IS 3025(Part 53):1988(RA2014)	0.3	No Relaxation	0.14

*BDL – Below Detectable Limit.

REMARKS: Water is potable in respect to the above parameters of IS 10500:2012

Dated: 21-05-2024

Handwritten Signature
Analyst 21/05/24

Central Laboratory
The Kolkata Municipal Corporation

ANALYST
CENTRAL LABORATORY
KMC





N.D. INTERNATIONAL

GOVERNMENT REGISTERED

An ISO 9001 : 2015 Company Certificate : 18DQCM02



Date: 20.12.2023

To Whom It May Concern

We certify that our team visited Lakshmipat Singhania Academy, situated at 12-B Alipore Road, Kolkata 700 027 and after testing the water in the Academy have found that the Academy is maintaining clean and hygienic drinking water and fit for human consumption with respect to mention test parameters in our report no.

NDI/WTR/2023-24/02944 Dated :-20.12.23

Thanks & Regards

For N.D. international



Mk



gm

7



N.D. INTERNATIONAL

GOVERNMENT REGISTERED

An ISO 9001:2015 Company | Certificate : 18DQCM02

TEST REPORT



TC - 5910

ULR No.:TC591023000008089F

Certificate No : NDI/WTR/23-24/02944

Sample Drawn By : N.D. International

Format No.: NDI/FM/50

Dated : 19/12/2023

Page No.: 1 of 2

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

Description of Sample : Drinking Water
Collection Source : 2nd Floor Drinking Water Tap

Sampling Done by : Mr. Raju Ghosh
Environmental Condition : Temperature : 26°C, Humidity : 45%
Sample Drawn on : 13/12/2023
Analysis Started on : 13/12/2023
Analysis Completed on : 19/12/2023

Sample Quantity : 2.2 Ltr.

Sample Received on : 13/12/2023

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)	Hazen	<1(DL:1)	Max 5.0	Max 15
2	Odour	IS 3025 (Part 5)	-	Agreeable	Agreeable	Agreeable
3	pH at 25°C	APHA (23rd Edition) 4500 H+ B	-	6.5	6.5-8.5	No relaxation
4	Taste	IS 3025 (Part 8)	-	Agreeable	Agreeable	Agreeable
5	Turbidity.	APHA(23rd Edition) 2130B	NTU	<1(DL:1)	Max 1.0	Max 5.0
6	Total Dissolved Solids.	APHA (23rd Edition) 2540C	mg/l	32	Max 500	Max 2000
General Parameters Concerning Substances Undesirable						
7	Calcium (as Ca)	APHA (23rd Edition), 3500-Ca B	mg/l	0.9	Max 75.0	Max 200
8	Chloride (as Cl).	APHA(23rd Edition)4500 Cl B	mg/l	9.8	Max 250	Max 1000
9	Iron (as Fe)	APHA (23rd Edition), 3500-Fe B	mg/l	<0.1(DL:0.1)	Max 0.3	No relaxation

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Dated : 19/12/2023

Page No.: 2 of 2

Sl.No.	Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
10	Magnesium (Mg)	APHA (23rd Edition) 3500-Mg	mg/l	0.52	Max 30.0	Max 100
11	Sulphate (as SO ₄).	APHA (23rd Edition), 4500-SO ₄ E	mg/l	<5(DL:5)	Max 200	Max 400
12	Total Alkalinity as CaCO ₃ .	APHA (23rd Edition), 2320 B	mg/l	23	Max 200	Max 600
13	Total Hardness (as CaCO ₃).	APHA(23rd Edition) 2340 C	mg/l	4.4	Max 200	Max 600
Microbiological Test Parameters						
14	Total Coliform/100ml @ 37°C for 24 hours	IS 1622	cfu	<1 (DL:1)	Not Detectable	Not Detectable
15	Detection of E. coli/100 ml @ 44.5°C for 24 hours	IS 1622	-	Absent	Not Detectable	Not Detectable

Note : DL - Detection Limit, Max - Maximum, As per IS 10500:2012 Total Coliform should be Not Detectable/100ml, which is equivalent to <1 Cfu/100 ml as per IS: 1622: 1981.

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

Tathagata Talukder

HOD

Authorized Signatory



FOR N.D. INTERNATIONAL

K. P. De

CEO

Authorized Signatory

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KOTHARI & ASSOCIATES

ARCHITECTS • ENGINEERS • TOWNPLANNERS

KA:CAL: LSP 477

19th December, 2023

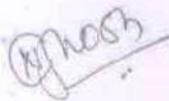
TO WHOMSOEVER IT MAY CONCERN

**CERTIFICATE FOR SANITARY AND SEWAGE DISPOSAL
SYSTEM AT LAKSHMIPAT SINGHANIA ACADEMY
12B ALIPORE ROAD, KOLKATA - 700 027**

This is to certify that the Sanitary Provision and Sewage Disposal System incorporated and in operation includes sufficient fixtures and facilities to suit the number of users in the building as per The National Building code.

The Sewage is connected to the City Sewerage System.

For KOTHARI & ASSOCIATES



(NIBEDITA GHOSH)

NIBEDITA GHOSH
ARCHITECT
SL. NO. - 284A
CA. NO. - 95 / 18098
Kothari & Associates
14B, Camac Street, Kol - 17

