



भारत सरकार  
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)  
National Test House (Eastern Region)

ब्लॉक - सी पी, सेक्टर - 5, साल्ट लेक सीटी, कोलकाता - 700 091  
Block-CP, Sector-V, Salt Lake City, Kolkata - 700 091

FORM NO : NTH/SL/F/5



Number of Copies issued Single TEST CERTIFICATE INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र नं Test Certificate No	जारी होने की तिथि Date of Issue	कोड नं Code No	पृष्ठ Page	पृष्ठों की संख्या No. of Pages
NTH(ER)/CH(S)/2021/00324A	24/09/2021	1630408841967	1	2

जिसे जारी करना है  
Issued To

NORTH POINT SENIOR SECONDARY BOARDING SCHOOL

पता  
Address

Rajarhat Braich, Nangolpota, Kharibari Road, Kamduni,  
Kolkata-700135

ग्राहक का संदर्भ सं एवं दिनांक  
Customer's Ref. No.

NPS/RAJ/Ext rnal/WHS/2021/34

Date: 31/08/2021

पंजिका सं एवं दिनांक  
Register No & Date

00324/NTH(ER)/CH(S)/01/09/2021

परीक्षण सामग्री का विवरण  
Description of Test Item

Drinking Water

परीक्षण सामग्री का पहचान  
Identification of Test Item

SAmple received in a Jar labeled as "Rajarhat School".

नमूना का विशिष्टि (यदि हों)  
Product Specification (if any)

IS 10500:2012

नमूना प्राप्ति की तिथि  
Date of Receipt of the Test Item

31/08/2021

कार्य सम्पादन की तिथि  
Date(s) of Performance of Tests

From: 01/09/2021

To: 24/09/2021

व्यावहृत प्रणाली का पहचान  
Method(s) used for Test

As per Annexure -1.

नमूना प्रक्रिया जहाँ प्रासंगिक हों  
Sampling Procedure where relevant

NA

Tested By

Debanjana Mukherjee  
Manager

Checked By

Dr. Amarnath Chakraborty  
Principal

Approved By

Dr. S. N. Bandyopadhyay

North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E, New Delhi)  
Nangolpota, Kharibari Road, Kolkata-700135

North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E, New Delhi)  
Nangolpota Kharibari Road, Kolkata-700135



भारत सरकार  
Government of India

FORM NO : NTH/SL/F/5

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)  
National Test House (Eastern Region)



Test Certificate No.

ब्लॉक - सी पी, सेक्टर - 5, साल्ट लेक सिटी, कोलकाता - 700 091

NTH(ER)/CH(S)/2021/00324A

Block-CP, Sector-5, Salt Lake City, Kolkata-700 091

Date of Issue  
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ANNEXURE A

Test results of Drinking water on the lines of IS 10500:2012

Table 1 Organoleptic and Physical Parameters

Sl. No.	Characteristic	Observed Value	Requirement (Acceptable Limit), Max	Permissible Limit in the Absence of Alternate Source, Max	Method of Test, Ref to
1.	Appearance	Clear, colourless liquid	-	-	-
2.	Colour, Hazen units	Recorded nearest to 1	5	15	IS 3025 (Part 4)
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)
4.	pH at 23.7°C	6.96	6.5-8.5	No relaxation	IS 3025 (Part 11)
5.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 7 & 8)
6.	Turbidity, NTU	0.1	1	5	IS 3025 (Part 10)
7.	Total dissolved solids, mg/l	638	500	2000	IS 3025 (Part 16)

Table 2 General Parameters Concerning Substances Undesirable in Excessive Amounts

Sl. No.	Characteristic	Observed Value	Requirement (Acceptable Limit), Max	Permissible Limit in the Absence of Alternate Source, Max	Method of Test, Ref to
1.	Aluminium (as Al), mg/l	< 0.01	0.03	0.2	IS 3025 (Part 55)
2.	Ammonia (as total ammonia-N), mg/l	< 0.1	0.5	No relaxation	IS 3025 (Part 34)
3.	Anionic detergents (as MBAS), mg/l	< 0.1	0.2	1.0	Annex K of 13428
4.	Barium (as Ba) mg/l	0.2	0.7	No relaxation	Annex F of 13428

Tested By

*Debanjana Mukherjee*

Debanjana Mukherjee  
SO (Chemical)

Manager

North Point Senior Secondary Boarding School  
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Checked By

*Dr. Amarnath Chakraborty*

Dr. Amarnath Chakraborty  
Scientist-B (Chemical)

Principal

North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E, New Delhi)  
Nangalpota Kharibari Road, Kolkata

Approved By

*Dr. S. N. Bandyopadhyay*

Dr. S. N. Bandyopadhyay  
Scientist-C (Chemical)



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Government of India

राष्ट्रीय परीक्षण शाला (पूर्वपश्चिम क्षेत्र)  
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Sl. No.	Characteristic	Observed Value	Requirement (Acceptable Limit), Max	Permissible Limit in the Absence of Alternate Source, Max	Method of Test, Ref to
5.	Boron (as B), mg/l	0.3	0.5	2.4	IS 3025 (Part 57)
6.	Calcium (as Ca), mg/l	111.7	75	200	IS 3025 (Part 40)
7.	Chloride (as Cl), mg/l	100.4	250	1000	IS 3025 (Part 32)
8.	Copper (as Cu), mg/l	< 0.01	0.05	1.5	IS 3025 (Part 42)
9.	Fluoride (as F), mg/l	< 0.01	1.0	1.5	IS 3025 (Part 60)
10.	Free residual chlorine, mg/l	< 0.01	0.2	1	IS 3025 (Part 26)
11.	Iron (as Fe), mg/l	0.05	1.0	No relaxation	IS 3025 (Part 53)
12.	Magnesium (as Mg), mg/l	16.2	30	100	IS 3025 (Part 46)
13.	Manganese (as Mn), mg/l	0.02	0.1	0.3	IS 3025 (Part 59)
14.	Mineral oil, mg/l	Absent	0.5	No relaxation	IS 3025 (Part 39)
15.	Nitrate (as NO <sub>3</sub> ), mg/l	0.5	45	No relaxation	IS 3025 (Part 34)
16.	Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), mg/l	0.002	0.001	0.002	IS 3025 (Part 43)
17.	Selenium (as Se), mg/l	< 0.005	0.01	No relaxation	IS 3025 (Part 56)
18.	Silver (as Ag), mg/l	< 0.005	0.1	No relaxation	Annex J of 13428
19.	Sulphate (as SO <sub>4</sub> ), mg/l	2.4	200	400	IS 3025 (Part 24)
20.	Sulphide (as H <sub>2</sub> S), mg/l	< 0.01	0.05	No relaxation	IS 3025 (Part 29)
21.	Total alkalinity as calcium carbonate, mg/l	363.8	200	600	IS 3025 (Part 23)
22.	Total hardness (as CaCO <sub>3</sub> ), mg/l	345.9	200	600	IS 3025 (Part 21)

Tested By

*Debanjana Mukherjee*

Debanjana Mukherjee  
SO (Chemical)  
Manager

Checked By

*Dr. Amarnath Chakraborty*

Dr. Amarnath Chakraborty  
Scientist-B (Chemical)  
Principal

Approved By

*Dr. S. N. Bandyopadhyay*

Dr. S. N. Bandyopadhyay  
Scientist-C (Chemical)



भारत सरकार  
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National Test House (Eastern Region)



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NTH(ER)/CH(S)/2021/00324A Block-CP, Sector-V, Salt Lake City, Kolkata-700 091 Page 3

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Sl. No.	Characteristic	Observed Value	Requirement (Acceptable Limit), Max	Permissible Limit in the Absence of Alternate Source, Max	Method of Test, Ref to
23.	Zinc (as Zn), mg/l	0.04	5	15	IS 3025 (Part 49)

Table 3: Parameters Concerning Toxic Substances

Sl. No.	Characteristic	Observed Value	Requirement (Acceptable Limit), Max	Permissible Limit in the Absence of Alternate Source, Max	Method of Test, Ref to
1.	Cadmium (as Cd), mg/l	0.002	0.003	No relaxation	IS 3025 (Part 41)
2.	Cyanide (as CN), mg/l	Absent	0.05	No relaxation	IS 3025 (Part 27)
3.	Lead (as Pb), mg/l	0.01	0.01	No relaxation	IS 3025 (Part 47)
4.	Mercury (as Hg), mg/l	< 0.001	0.001	No relaxation	IS 3025 (Part 48)
5.	Molybdenum (as Mo), mg/l	0.02	0.07	No relaxation	AAS
6.	Nickel (as Ni), mg/l	0.01	0.02	No relaxation	IS 3025 (Part 54)
7.	Total arsenic (as As), mg/l	< 0.005	0.01	No relaxation	IS 3025 (Part 37)
8.	Total chromium (as Cr), mg/l	0.03	0.05	No relaxation	IS 3025 (Part 52)

Manager  
North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E., New Delhi)  
Nangalpota, Kharibari Road, Kolkata-700135.

Tested By

*Debanjana Mukherjee*  
Debanjana Mukherjee  
SO (Chemical)

Checked By

*Dr. Amarnath Chakraborty*  
Dr. Amarnath Chakraborty  
Scientist-B (Chemical)

Approved By

*Dr. S. N. Bandyopadhyay*  
Dr. S. N. Bandyopadhyay  
Scientist-C (Chemical)

North Point Senior Secondary Boarding School  
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TEST CERTIFICATE

INTERIM/FINAL REPORT

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Address

NORTH POINT SENIOR SECONDARY BOARDING SCHOOL

Rajarhat Branch, Nangolpota, Kharibari Road, Kamduni,  
Kolkata-700135ग्राहक का संदर्भ सं एवं दिनांक  
Customer's Ref. No.

NPS/RAJ/External/WHS/2021/34

Date: 31/08/2021

पंजिका सं एवं दिनांक  
Register No & Date

00324/NTH(ER)/CH(S)/01/09/2021

परीक्षण सामग्री का विवरण  
Description of Test Item

Drinking Water.

परीक्षण सामग्री का पहचान  
Identification of Test ItemSample received in a sealed poly jar marked as "Rajarhat  
School".नमूना का विशिष्टि (यदि हो)  
Product Specification (if any)

Nil

नमूना प्राप्ति की तिथि  
Date of Receipt of the Test Item

31/08/2021

कार्य सम्पादन की तिथि  
Date(s) of Performance of Tests

From: 01/09/2021

To: 09/09/2021

व्यावहृत प्रणाली का पहचान  
Method(s) used for Test

On the lines of IS 10500:2012.

नमूना प्रक्रिया जहाँ प्रासंगिक हो  
Sampling Procedure where relevant

NA.

Tested By

Anirban Bhattacharya  
Anirban Bhattacharya

Checked By

Dr. Amarnath Chakraborty

Dr. Amarnath Chakraborty

North Point Senior Secondary Boarding School  
Affiliated to C.B.S.E., New Delhi  
Nangolpota Kharibari Road, Kolkata-700135

Approved By

Dr. S. N. Bandyopadhyay

Dr. S. N. Bandyopadhyay



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भारत सरकार  
Government of India

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Block-CP, Sector-V, Salt Lake City, Kolkata - 700 091

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Sl. No.	Test Name	Test Result	Limit
1	a) Most Probable Number (MPN) /100 ml. of Sample	3.	Not more than 10 in 100 ml of sample
2	b) E. coli /100 ml. of Sample	Absent.	Should be absent

टिप्पणी  
Note

Nil

कॉफियत  
Remarks

In respect of the tests carried out, the sample meets the microbiological requirements of IS 10500:2012 for Drinking Water.

Manager

North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E, New Delhi)  
Nangalpota, Kharibari Road, Kolkata-700135

Tested By

Anirban Bhattacharya  
Anirban Bhattacharya

Checked By

Dr. Amarnath Chakraborty  
Principal

Approved By

Dr. S. N. Bandyopadhyay  
Dr. S. N. Bandyopadhyay

North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E, New Delhi)  
Nangalpota Kharibari Road, Kolkata-700135

# NTH

100 Years in Consumer Service for the Nation  
(Estd. 1912)

# NATIONAL TEST HOUSE

Government of India  
Website : <http://www.nth.gov.in>

## CONTACT US

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### Headquarters

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National Test House**

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Manager  
North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E, New Delhi)  
Nangalpota, Kharibari Road, Kolkata-700135

  
Principal  
North Point Senior Secondary Boarding  
(Affiliated to C.B.S.E, New Delhi)  
Nangalpota Kharibari Road, Kolkata-70



सत्यमेव जयते

Government of India  
Ministry of Consumer Affairs, Food & Public Distribution  
Department of Consumer Affairs

## National Test House (ER)

Block-CP, Sector-V, Salt Lake City, Kolkata-700 091  
Telephone : EPBX : +91-33-2367-3429-31, Direct : +91-33-2367-3871/9741/3308  
Fax : +91-33-2367-3871 / 3308, e-mail : nthlal-wb@nic.in,  
website : http://www.nth.gov.in



### SERVICE REQUEST FORM

SERVICE REQUEST NO. 1630408841967 DATE: 31/08/2021 -  
CUSTOMER LETTER REFERENCE NO. NPS/RAJ/External/WH DATE: 31/08/2021  
S/2021/34

PRIORITY: Normal SERVICE: Permanent

#### Test/Calibration requested by

Name of the organisation	Address	Phone no.	Contact Person
NORTH POINT SENIOR SECONDARY BOARDING SCHOOL	Rajarhat Branch, Nangolpota, Kharibari Road, Kamduni, Kolkata- 700135	9830115871	Rita Chatterjee

#### Description and Identification of the Test/Calibration items

Nomenclature	Make/Description	Model/type/SI.No./ ID Mark/Brand	Range/Rating	No. of Sample	Quantum of Sample	Remarks/ Test(s) Required
Drinking Water	Drinking Water	NA	NA	1		As per TR

#### Technical Specification of Item BIS Code No.

#### Details of Service Requested

Test	Routine Test
Calibration	NA

#### Basis of Test/Calibration

Standard Methods	IS
Non Standard Methods	NA

Test/Calibration Periodicity	Not Required
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Total no of TC/CC	1
No of soft copies of TC/CC	1
No of hard copies of TC/CC	1

Probable date of completion	24/09/2021
Probable date of completion(For Interim Reports)	NA

Testing/Calibration of the sample/equipment may please be carried out as per the details given above. We accept the general terms & conditions as indicated in overleaf and hereby agree to abide by them. We also agree to pay the requisite testing/calibration charges along with any other charges as applicable.

Total Charges	14160.00	Amount Paid	14160.00	Amount Due	0.00	Amount Excess	0.00
---------------	----------	-------------	----------	------------	------	---------------	------

DATE:	01/09/2021	Customer Signature	Customer Designation	Signature of NTH Officer For the Director, NTH (See Overleaf for Terms and Conditions)
-------	------------	--------------------	----------------------	--

Manager  
North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E, New Delhi)  
Nangolpota, Kharibari Road, Kolkata-700135

Principal  
North Point Senior Secondary Boarding School  
(Affiliated to C.B.S.E, New Delhi)  
Nangolpota Kharibari Road, Kolkata-700135