R. V. BRIGGS & CO. PRIVATE LTD.

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS
(AN ISO 9001:2015 CERTIFIED COMPANY)
TAHER MANSION, 1ST FLOOR
9, BENTINCK STREET, KOLKATA - 700 001
Ph. : 4044-3380/3381/3382/3383
E-mail : rvbriggs.kolkata@gmail.com, Website : www.rvbriggs.com
CIN : U51109WB1931PTC007007

NABL ACCREDITED LABORATORY
Certificate No. TC-7815

TEST REPORT

ULR NO. TC781521000002860F

No. W(D)/21-22/495 Date : June 23, 2021 Page 1 of 3

Issued to	: M/S, BIRLA HIGH SCHOOL Mukundapur, 457, Barakhola, Purba Jadavpur, Kolkata - 700099
Sample Description	: Drinking Water
Collection Source	: Ground Floor Drinking Water (RO)
Sample Drawn by us On	: 16.06.2021
Test Completed on	: 17.06.2021
Method of Sampling	: IS : 1622 : 1981 & IS : 3025 (Part - 1) 1987
Mode of Sampling	: Grab

Parameters Tested:
Microbiological :
1) Coliform Organism (2) E.Coli

Microbiological Test Findings :

Sl No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.)
1	Coliform Organism	APHA 23rd Edn. 9222B	CFU/100ml	Absent	Absent in 100 ml
2	E. coli	APHA 23rd Edn. 9222H	CFU/100ml	Absent	Absent

Remarks on Microbiological Test Report :
The above mentioned sample of drinking water complies with IS: 10500, 2012 (2nd Rev.) & Satisfactory for drinking purpose, in respect of the above mentioned parameters.

: END OF TEST REPORT :

Dr. S. Koruri
Authorized Signatory
(I/C Microbiological Dept.)

PRINCIPAL
BIRLA HIGH SCHOOL - MUKUNDAPUR
29/6/21

For Vidya Mandir Society
Secretary General

NCB

★ The test report shall not be reproduced, except in full, without written approval of the Company.
★ Results relate only to the parameters tested.

R. V. BRIGGS & CO. PRIVATE LTD.

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS

(AN ISO 9001:2015 CERTIFIED COMPANY)

TAHER MANSION, 1ST FLOOR

9, BENTINCK STREET, KOLKATA - 700 001

Ph. : 4044-3380/3381/3382/3383

E-mail : rvbriggs.kolkata@gmail.com, Website : www.rvbriggs.com

CIN : U51109WB1931PTC007007

NABL ACCREDITED LABORATORY
Certificate No. TC-7815

TEST REPORT

ULR NO. TC781521000002860F

No. W(D)/21-22/495 | Date : June 23, 2021 |

Issued to : M/S, BIRLA HIGH SCHOOL
Mukundapur, 457, Barakhola, Purba Jadavpur, Kolkata - 700099

Sample Description : Drinking Water
Collection Source : Ground Floor Drinking Water (RO)
Sample Drawn by us On : 16.06.2021
Test Completed on : 22.06.2021

Parameters Tested :
As per IS: 10,500, 2012
1. Organoleptic and Physical - 6 Parameters
2. General Parameters - 22 Parameters
3. Toxic Substances - 8 Parameters

Method of Sampling : IS : 1622 : 1981 & IS : 3025 (Part - 1) 1987
Mode of Sampling : Grab

Physical & Chemical Test Findings :

Sl No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.)	
					Acceptable Limit	Permissible Limit
A. Organoleptic and Physical Parameters						
1	Colour	IS: 3025-(part-4): 1983 Reaff. 2012	Hazen	1	5 Max.	15 Max.
2	Odour	IS:3025(Part-5):1983	....	Agreeable	Agreeable	Agreeable
3	Taste	IS:3025(Part-8):1984	---	Agreeable	Agreeable	Agreeable
4	pH value	IS: 3025 (Part-11): 1983 Reaff. 2012	....	7.6	6.5 - 8.5	No Relaxation
5	Turbidity	IS: 3025 (Part-10): 1984 Reaff. 2012	NTU	<1	1 Max.	5 Max.
6	Total Dissolved Solids	IS: 3025 (Part-16): 1984 Reaff. 2012	mg/l	74	500 Max.	2000 Max.
B. General Parameters Concerning Substances Undesirable in Excessive Amounts						
1	Aluminium as Al	IS: 3025 (Part-55)	mg/l	<0.03	0.03 Max.	0.2 Max.
2	Ammonia (NH3-N)	IS: 3025(Part-34)	mg/l	<0.2	0.5 Max.	No Relaxation
3	Anionic detergents(as MBAS)	Annex K of IS: 13428	mg/l	<0.01	0.2 Max.	1 Max
4	Barium as Ba	APHA 23rd Edn. 3111D	mg/l	<0.5	0.7 Max.	No Relaxation
5	Boron as B	IS: 3025 (Part-57): 2005 Reaff. 2010	mg/l	<0.2	0.5 Max.	1.0 Max.
6	Calcium as Ca	IS: 3025 (Part-40): 1991 Reaff. 2009	mg/l	< 1	75 Max.	200 Max.
7	Chloride as Cl	IS: 3025 (Part-32): 1988 Reaff. 2009	mg/l	27	250 Max.	1000 Max.
8	Copper as Cu	IS: 3025 (Part-42): 1992 Reaff. 2009	mg/l	<0.05	0.05 Max.	1.5 Max.
9	Fluoride as F	IS: 3025 (Part-60): 2008	mg/l	<0.1	1 Max.	1.5 Max.
10	Residual free Chlorine	IS: 3025 (Part-26): 1986 Reaff. 2009	mg/l	0.11	0.2 min	1 Max.
11	Iron as Fe	IS: 3025 (Part-53): 2003 Reaff. 2009	mg/l	< 0.1	0.3 Max.	No Relaxation
12	Magnesium as Mg	IS: 3025 (Part-46): 1994 Reaff. 2009	mg/l	< 1	30 Max.	100 Max.
13	Manganese as Mn	IS: 3025 (Part-59): 2006 Reaff. 2012	mg/l	<0.05	0.1 Max.	0.3 Max.
14	Nitrate as NO3	IS: 3025 (Part-34): 1988 Reaff. 2009	mg/l	<1	45 Max.	No Relaxation
15	Phenolic Compounds as C_6H_5OH	IS: 3025 (Part-43): 1992 Reaff. 2009	mg/l	<0.001	0.001 Max.	0.002 Max.
16	Selenium as Se	IS: 3025 (Part-56): 2003 Reaff. 2009	mg/l	<0.01	0.01 Max.	No Relaxation
17	Silver as Ag	Annex J of IS: 13428	mg/l	<0.05	0.1 Max.	No Relaxation
18	Sulphate as SO4	IS: 3025 (Part-24): 1986 Reaff. 2009	mg/l	<5	200 Max.	400 Max.

Cont. page - 2

PRINCIPAL
BIRLA HIGH SCHOOL - MUKUNDAPUR
29/6/21.

For Vidya Mandir Society
Secretary General

★ The test report shall not be reproduced, except in full, without written approval of the Company.
★ Results relate only to the parameters tested.

R. V. BRIGGS & CO. PRIVATE LTD.

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS

(AN ISO 9001:2015 CERTIFIED COMPANY)

TAHER MANSION, 1ST FLOOR

9, BENTINCK STREET, KOLKATA - 700 001

Ph. : 4044-3380/3381/3382/3383

E-mail : rvbriggs.kolkata@gmail.com, Website : www.rvbriggs.com

CIN : U51109WB1931PTC007007

NABL ACCREDITED LABORATORY
Certificate No. TC-7815

TEST REPORT

No. W(D)/21-22/495 Date : June 23, 2021

Sl No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.)	
					Acceptable Limit	Permissible Limit
19	Sulphide as H_2S	IS: 3025 (Part-29): 1986 Reaff. 2009	mg/l	<0.05	0.05 Max.	No Relaxation
20	Total Alkanity as CaCO3	IS: 3025 (Part-23): 1986 Reaff. 2009	mg/l	33.3	200 Max.	600 Max.
21	Total Hardness as CaCO3	IS: 3025 (Part-21) - 2009	mg/l	4	200 Max.	600 Max.
22	Zinc as Zn	IS: 3025 (Part-49): 1994 Reaff. 2009	mg/l	0.054	5 Max.	15 Max.
C. Parameters Concerning Toxic Substances						
1	Cadmium as Cd.	IS: 3025 (Part-41): 1992 Reaff. 2009	mg/l	< 0.002	0.003 Max.	No Relaxation
2	Cyanide as CN	IS: 3025 (Part-27): 1986 Reaff. 2009	mg/l	< 0.05	0.05 Max.	No Relaxation
3	Lead as Pb	IS: 3025 (Part-47): 1994 Reaff. 2009	mg/l	< 0.01	0.01 Max.	No Relaxation
4	Mercury as Hg	IS: 3025 (Part-48): 1994 Reaff. 2009	mg/l	< 0.001	0.001 Max.	No Relaxation
5	Molybdenum as Mo	IS: 3025 (Part-2): 2004 Reaff. 2009	mg/l	< 0.05	0.07 Max.	No Relaxation
6	Nickel as Ni	IS: 3025 (Part - 54) 2003	mg/l	< 0.01	0.02 Max.	No Relaxation
7	Total Arsenic as As	IS: 3025 (Part-37): 1988 Reaff. 2009	mg/l	< 0.002	0.01 Max.	0.05 Max.
8	Total Chromium as Cr	IS: 3025 (Part-52): 2003 Reaff. 2009	mg/l	< 0.05	0.05 Max.	No Relaxation

Minimum detection limit:

i) Turbidity	: 1.0NTU	ii) Aluminium	: 0.03mg/l	iii) Ammonia	: 0.2mg/l	iv) Barium	: 0.5mg/l
v) Anionic Detergents	: 0.01mg/l	vi) Copper	: 0.05mg/l	vii) Fluoride	: 0.1mg/l	viii) Boron	: 0.2mg/l
ix) Manganese	: 0.05mg/l	x) Sulphide	: 0.05mg/l	xi) Selenium	: 0.01mg/l	xii) Nitrate	: 1.0mg/l
xiii) Cadmium	: 0.002mg/l	xiv) Mollybdenum	: 0.05mg/l	xv) Magnesium	: 1.0mg/l	xvi) Silver	: 0.05mg/l
xvii) Total Arsenic	: 0.002mg/l	xviii) Mercury	: 0.001mg/l	xix) Cyanide	: 0.05mg/l	xx) Lead	: 0.01mg/l
xxi) Total Chromium	: 0.05mg/l	xxii) Nickel	: 0.01mg/l	xxiii) Calcium	: 1.0mg/l	xxiv) Iron	: 0.1mg/l
xxv) Sulphate	: 5.0mg/l	xxvi) Phenolic Compounds	: 0.001mg/l				

Remarks on Chemical Test Report :
The above mentioned sample of drinking water complies with IS: 10500, 2012 (2nd Rev.) & Satisfactory for drinking purpose, in respect of the above mentioned parameters.

Remarks on Test Report in respect of Microbiological & Chemical Test : The Water sample is fit for Human Consumption, in respect of the above Microbiological & Chemical Parameters

: END OF TEST REPORT :

J. Mukherjee
Quality Manager
Authorized Signatory
For R.V.BRIGGS & CO. PRIVATE LTD.

PRINCIPAL
BIRLA HIGH SCHOOL - MUKUNDAPUR
29/6/21.

For Vidya Mandir Society
Secretary General

★ The test report shall not be reproduced, except in full, without written approval of the Company.
★ Results relate only to the parameters tested.

KOTHARI & ASSOCIATES
ARCHITECTS • ENGINEERS • TOWNPLANNERS

KA : CAL : S56/472

Date : 24.02.2020

TO WHOM IT MAY CONCERN

CERTIFICATE FOR SANITARY AND SEWAGE DISPOSAL SYSTEM PREMISES NO. : 457, BARAKHOLA, WARD NO. : 109, BOROUGH - XII, KOLKATA – 700 099 FOR BIRLA HIGH SCHOOL (A JOINT VENTURE OF BIRLA HIGH SCHOOL AND SHRI SHIKSHYATAN FOUNDATION)

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 proposed to be connected to the city Sewerage System.

For KOTHARI & ASSOCIATES

(NIBEDITA GHOSH)

PRINCIPAL
BIRLA HIGH SCHOOL - MUKUNDAPUR

For Vidya Mandir Society
Secretary General

14-B, Camac Street, 2nd Floor, Nandi Commercial, Kolkata-700 017 Phone : (O) 2281 4350, 2281 4276, 2281 5300
Fax : 91-033-2281-5300. E-mail : kothari14b@gmail.com