



R. V. BRIGGS & CO. PRIVATE LTD.

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS

(AN ISO 9001:2015 & ISO 45001: 2018 CERTIFIED COMPANY)

TAHER MANSION, 1ST FLOOR

9, BENTINCK STREET, KOLKATA - 700 001

Phone : (033) 4044-3380/3381/3382 / 3383, Fax : 33 2248-0447

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

CIN : U51109WB1931PTC007007



TC-7815

TEST REPORT

ULR NO. TC78152310000259F

No. W(D)/22-23/3007

Date : January 13, 2023

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 Tap

Sample Drawn by us On

: 09.01.2023

Test Completed on

: 10.01.2023

Parameters Tested:

Microbiological :

1) Coliform Organism (2) E.Coli

Method of Sampling

: IS : 1622 : 1981

Environmental Condition : - Temperature: 25°C

Mode of Sampling

: Grab

Sample Transport condition : Through Ice Box

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 :

(Pijush Kanti Dutta)
Sr. Microbiologist
Authorized Signatory



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Mukundapur, 457, Barakhola, Purba Jadavpur, Kolkata - 700099

Sample Description

: Drinking Water

Collection Source

: Ground Floor Drinking Water Tap

Sample Drawn by us On

: 09.01.2023

Test Completed on

: 12.01.2023

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 : 3025 (Part - 1) 1987

Mode of Sampling

: Grab

Environmental Condition : - Temperature: 25^oC

Sample Transport condition : Through Ice Box

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	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	---	6.5	6.5 - 8.5	No Relaxation
5	Turbidity	IS: 3025 (Part-10): 1984	NTU	<1	1 Max.	5 Max.
6	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	48	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 (NH ₃ -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	<0.05	0.2 Max.	1 Max.
4	Barium as Ba	ALPHA 23rd Edn. 3111D	mg/l	<0.5	0.7 Max.	No Relaxation
5	Boron as B	IS: 3025 (Part-57): 2005	mg/l	<0.2	0.5 Max.	1.0 Max.
6	Calcium as Ca	IS: 3025 (Part-40): 1991	mg/l	1	75 Max.	200 Max.
7	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	16	250 Max.	1000 Max.
8	Copper as Cu	IS: 3025 (Part-42): 1992	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	mg/l	<0.1	0.2 min	1 Max.
11	Iron as Fe	IS: 3025 (Part-53): 2003	mg/l	< 0.1	0.3 Max.	No Relaxation
12	Magnesium as Mg	IS: 3025 (Part-46): 1994	mg/l	< 1	30 Max.	100 Max.
13	Manganese as Mn	IS: 3025 (Part-59): 2006	mg/l	<0.05	0.1 Max.	0.3 Max.
14	Nitrate as NO ₃	IS: 3025 (Part-34): 1988	mg/l	<1	45 Max.	No Relaxation
15	Phenolic Compounds as C ₆ H ₅ OH	IS: 3025 (Part-43): 1992	mg/l	<0.001	0.001 Max.	0.002 Max.
16	Selenium as Se	IS: 3025 (Part-56): 2003	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 SO ₄	IS: 3025 (Part-24): 1986	mg/l	<5	200 Max.	400 Max.

Cont. page - 2

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



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Sl No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.)	
					Acceptable Limit	Permissible Limit
19	Sulphide as H ₂ S	IS: 3025 (Part-29): 1986	mg/l	<0.05	0.05 Max.	No Relaxation
20	Total Alkaneity as CaCO ₃	IS: 3025 (Part-23): 1986	mg/l	26.5	200 Max.	600 Max.
21	Total Hardness as CaCO ₃	IS: 3025 (Part-21) - 2009	mg/l	4.6	200 Max.	600 Max.
22	Zinc as Zn	IS: 3025 (Part-49): 1994	mg/l	2.043	5 Max.	15 Max.
C. Parameters Concerning Toxic Substances						
1	Cadmium as Cd.	IS: 3025 (Part-41): 1992	mg/l	< 0.002	0.003 Max.	No Relaxation
2	Cyanide as CN	IS: 3025 (Part-27): 1986	mg/l	< 0.05	0.05 Max.	No Relaxation
3	Lead as Pb	IS: 3025 (Part-47): 1994	mg/l	< 0.01	0.01 Max.	No Relaxation
4	Mercury as Hg	IS: 3025 (Part-48): 1994	mg/l	< 0.001	0.001 Max.	No Relaxation
5	Molybdenum as Mo	IS: 3025 (Part-2): 2004	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	mg/l	< 0.002	0.01 Max.	0.05 Max.
8	Total Chromium as Cr	IS: 3025 (Part-52): 2003	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) Molybdenum : 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 :

Report Verified by
(J. DAS)

J. Mukherjee
Quality Manager

Authorized Signatory
For R.V.BRIGGS & CO. PRIVATE LTD.

NCB

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KA : CAL : 856 / 473

Date : 02.03.2023


TO WHOM IT MAY CONCERN

CERTIFICATE FOR SANITARY AND SEWAGE DISPOSAL SYSTEM AT 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
ARCHITECT
SL. No.-284 A
CA. No.-95 / 18098
Kothari & Associates
B, Camac Street, Kol-17
(NIBEDITA GHOSH)


BIMAL MISTRY
L.B.S.- 867 (1) CMC

Council of Architecture

Duplicate Certificate of Registration

This is to certify that the name of

Ms. NIBEDITA GHOSH

has been entered in the register and her Registration No. is

CA/1995/18098

This certificate is valid from the sixth

day of February 1995 to the thirty-first

day of December 1996 inclusive.

The Duplicate Certificate is issued as the original one has been Lost.

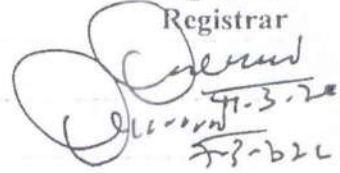
Renewals

Valid Upto

31.12.2021

31.12.2031

Signature of Registrar



41-3-20
73-626

List of Additional Qualifications:

Given under the common Seal of the Council of Architecture,

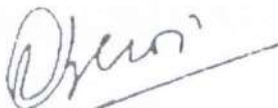
NIBEDITA GHOSH
48/1, N.K. Ghosal Road,
Kolkata-700 092

Mob:
9748733468



N. Ghosh

this thirtieth day of December 2021



Secretary



President