

ADS: KOL: ADS / SWRN / 1905 2022

Date: 19.05.2022

TO WHOM IT MAY CONCERN

CERTIFICATE FOR SANITARY AND SEWAGE DISPOSAL SYSTEM AT HOLDING NO. 180, N.S.ROAD; L.R. DAG NO-50,51,52,54,55,56 & 59; L.R. KHATIAN NO. 6389,6390,7115,7350; R.S KHATIAN NO. 1277,1279,1281, 1283,1285,1287,1289,1291,1216,1210,1218,1209,891; R.S DAG NO. 46,47,48,50,51,55,52; MOUZA-KODALIA, J.L. NO.-35; WARD NO.-20,P.S. SONARPUR, UNDER RAJPUR-SONARPUR MUNICIPALITY; DIST-24PGS(S), FOR SWARNIM INTERNATIONAL SCHOOL (SWARNIM FOUNDATION)

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

The Sewage is connected to the City Sewerage System.

For ADS DESIGNS PVT LTD

Jui Mallik

JUI MALLIK ARCHITECT:-
 DIRECTOR JUI MALLIK
 COA REGN. NO.-CA/98/23840

SWARNIM INTERNATIONAL SCHOOL
Swati Sarawaj
 Resident Director

SWARNIM INTERNATIONAL SCHOOL
F. Biswas
 Principal



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



TEST REPORT

ULR NO. TC781522100003420F

No. W(S)/22-23/334

Date : May 25, 2022

Page 1 of 3

Issued to : M/S, SWARNIM FOUNDATION
3C, Camac Street, Kolkata - 700016
Site Name : Swarnim International School
180, N. S. Road, Kotalia, Kolkata - 700146
Your Ref. : Letter dtd. 18.05.2022
Sample Description : Drinking Water
Mark on Sample : Nil
Sample Submitted on : 18.05.2022
Test Completed on : 19.05.2022

Parameters Tested:
Microbiological :
Coliform Organism, E.Coli

Microbiological Test Report :

Sl No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.), Amend. June 2015
1	Coliform Organism	APHA 23rd Edn. 9222B	CFU/100ml	Absent	Absent
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.)

SWARNIM INTERNATIONAL SCHOOL

Swati Sarawag
Resident Director

SWARNIM INTERNATIONAL SCHOOL

R. Biswas
Principal

- ★ 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 & 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. TC781522100003420F

No. W(S)/22-23/334

Date : May 25, 2022

Page 2 of 3

Issued to : **M/S, SWARNIM FOUNDATION**
3C, Camac Street, Kolkata - 700016
Site Name : **Swarnim International School**
180, N. S. Road, Kotalia, Kolkata - 700146
Your Ref. : Letter dtd. 18.05.2022
Sample Description : **Drinking Water**
Mark on Sample : **Nil**
Sample Submitted on : 18.05.2022
Test Completed on : 25.05.2022

Parameters Tested :

As per IS: 10,500, 2012

1. Organoleptic and Physical - 6 Parameters
2. General Parameters - 21 Parameters
3. Toxic Substances - 8 Parameters

Physical & Chemical Test Findings :

Sl No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.), Amend. June 2015	
					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	7.3	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	496	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	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 Max.
6	Calcium as Ca	IS: 3025 (Part-40): 1991 Reaff. 2009	mg/l	80.8	75 Max.	200 Max.
7	Chloride as Cl	IS: 3025 (Part-32): 1988 Reaff. 2009	mg/l	21.8	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	0.35	1 Max.	1.5 Max.
10	Iron as Fe	IS: 3025 (Part-53): 2003 Reaff. 2009	mg/l	< 0.1	1.0 Max.	No Relaxation
11	Magnesium as Mg	IS: 3025 (Part-46): 1994 Reaff. 2009	mg/l	24.5	30 Max.	100 Max.
12	Manganese as Mn	IS: 3025 (Part-59): 2006 Reaff. 2012	mg/l	< 0.05	0.1 Max.	0.3 Max.
13	Nitrate as NO ₃	IS: 3025 (Part-34): 1988 Reaff. 2009	mg/l	13.3	45 Max.	No Relaxation
14	Phenolic Compounds as C ₆ H ₅ OH	IS: 3025 (Part-43): 1992 Reaff. 2009	mg/l	< 0.001	0.001 Max.	0.002 Max.
15	Selenium as Se	IS: 3025 (Part-56): 2003 Reaff. 2009	mg/l	< 0.01	0.01 Max.	No Relaxation
16	Silver as Ag	Annex J of IS: 13428	mg/l	< 0.05	0.1 Max.	No Relaxation
17	Sulphate as SO ₄	IS: 3025 (Part-24): 1986 Reaff. 2009	mg/l	< 5	200 Max.	400 Max.

Cont. page - 3

SWARNIM INTERNATIONAL SCHOOL

Swati Sarawag
Resident Director

SWARNIM INTERNATIONAL SCHOOL

R. Prasad
Principal

- * 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 & 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

No. W(S)/22-23/334

Date : May 25, 2022

Page 3 of

Sl No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.), Amend. June 2015	
					Acceptable Limit	Permissible Limit
18	Sulphide as H ₂ S	IS: 3025 (Part-29): 1986 Reaff. 2009	mg/l	< 0.05	0.05 Max.	No Relaxation
19	Total Alkalinity as CaCO ₃	IS: 3025 (Part-23): 1986 Reaff. 2009	mg/l	328	200 Max.	600 Max.
20	Total Hardness as CaCO ₃	IS: 3025 (Part-21) - 2009	mg/l	303	200 Max.	600 Max.
21	Zinc as Zn	IS: 3025 (Part-49): 1994 Reaff. 2009	mg/l	< 0.05	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	APHA 23rd Edn. 4500 CN-E	mg/l	< 0.02	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.	No Relaxation
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) Anionic Detergents : 0.05mg/l	ii) Aluminium : 0.03mg/l	iii) Ammonia : 0.2mg/l	iv) Barium : 0.5mg/l
v) Sulphide : 0.05mg/l	vi) Copper : 0.05mg/l	vii) Sulphate : 5.0mg/l	viii) Boron : 0.2mg/l
ix) Cadmium : 0.002mg/l	x) Selenium : 0.01mg/l	xi) Cyanide : 0.02mg/l	xii) Nickel : 0.01mg/l
xiii) Total Chromium : 0.05mg/l	xiv) Molybdenum : 0.05mg/l	xv) Mercury : 0.001mg/l	xvi) Lead : 0.01mg/l
xvii) Total Arsenic : 0.002mg/l	xviii) Zinc : 0.05mg/l	xix) Manganese : 0.05mg/l	xx) Iron : 0.1mg/l
xxi) Turbidity : 1.0NTU	xxii) Silver : 0.05mg/l	xxiii) Phenolic Compounds : 0.001mg/l	


Remarks on Chemical Test Report :

i) 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.

ii) Calcium, Total Alkalinity & Total Hardness are beyond the acceptable limit but within the permissible limit

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.

SWARNIM INTERNATIONAL SCHOOL


Resident Director

SWARNIM INTERNATIONAL SCHOOL


Principal