



R. V. BRIGGS & CO. PRIVATE LTD.

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS

ESTABLISHED IN 1900

9, BENTINCK STREET, KOLKATA - 700 001

Ph. : 2248-3661/2698/7803, 2262-4153/4154, 98300 76328 (M)

Fax : 33 2248-0447, E-mail : rvbriggs.kolkata@gmail.com

Website : www.rvbriggs.com

TEST REPORT

SAMPLE SUBMITTED BY PARTY :

No. W(S)/14-15/471 Date : August 25, 2014 Page 1 of 1

Issued to : M/S. MITHAS R O WATER(SRIRAM UDYOG)

: 17, Devendra Ganguly Road, Howrah

Your Ref No. : Sample Order Receipt No. RVB/FM/50 Sr.No. 561 dtd. 16.08.2014

Sample Description : Drinking Water

Mark on Sample : R O Water

Sample Received On : 16.08.2014

Analysis Completed on : 22.08.2014

A. Microbiological Test Findings :

SI No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 2nd Rev.
1	Coliform Organism/100ml	IS: 1622.1981	MPN	Absent	Absent in 100 ml
2	E. coli/100ml	IS: 1622.1981	MPN	Absent	Absent

B. Physical Test Findings:

1. Colour - Colourless

2. Appearance - Clear

3. Odour - Unobjectionable

C. Chemical Test Findings:

SI No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 2nd Rev.	
					Acceptable Limit	Permissible Limit
1	Turbidity	APHA 22nd Edn. 2130 - B	NTU	< 1	1.0 Max.	5.0 Max.
2	pH value	APHA 22nd Edn. 4500 H ⁺ B	---	6.5	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	APHA 22nd Edn. 2540 - C	mg/l	40	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS:3025 (Part-23) - 1986	mg/l	20	200 Max.	600 Max.
5	Silica as SiO ₂	APHA 22nd Edn. 4500 SiO ₂ C	mg/l	< 5	---	---
6	Iron as Fe	APHA 22nd Edn. 3500 - FeB	mg/l	< 0.1	0.30 Max.	No Relaxation
7	Calcium as Ca	APHA 22nd Edn. 3500 - CaB	mg/l	< 1	75 Max.	200 Max.
8	Magnesium as Mg	APHA 22nd Edn. 3500 - MgB	mg/l	< 1	30 Max.	100 Max.
9	Sulphate as SO ₄	IS:3025 (Part-24) - 1986	mg/l	< 5	200 Max.	400 Max.
10	Chloride as Cl	APHA 22nd Edn. 4500 - ClB	mg/l	12	250 Max.	1000 Max.
11	Nitrate as NO ₃	APHA 22nd Edn. 4500-NO ₃ D	mg/l	< 1	45 Max.	No Relaxation
12	Total Hardness as CaCO ₃	APHA 22nd Edn. 2340 C	mg/l	< 2	200 Max.	600 Max.
	a) Temporary Hardness	---	mg/l	< 2	---	---
	b) Permanent Hardness	---	mg/l	Nil	---	---
13	Total Arsenic as As	APHA 22nd Edition 3114 C	mg/l	< 0.002	0.01 Max.	0.05 Max.

Note :

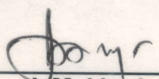
Minimum detection limit of Silica - 5.0mg/l, Iron - 0.1mg/l, Calcium - 1.0mg/l, Magnesium - 1.0mg/l, Sulphate - 5.0mg/l, Nitrate - 1.0mg/l, Total Hardness - 2.0mg/l, Temp. Hardness - 2.0mg/l & Total Arsenic - 0.002mg/l

Remarks :

Bacteriologically : Satisfactory for drinking purpose, in respect of the above mentioned parameters.

Chemically : Satisfactory for drinking purpose, in respect of the above mentioned parameters.


 Verified by
 (On Microbiological Report)
 I/C Microbiological Dept.


 J. Mukherjee
 Quality Manager
 Authorized Signatory

NCB

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