

## R. V. BRIGGS & CO. PRIVATE LTD.

## ANALYTICAL CONSULTING & TECHNICAL CHEMISTS ESTABLISHED IN 1900

TAHER MANSION, 1ST FLOOR

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CIN: U51109WB1931PTC007007

## **TEST REPORT**

SAMPLE SUBMITTED BY PARTY:

No. W(S)/15-16/754 Date : October 14, 2015 Page 1 of 1

Issued to : M/S. SRI RAM UDYOG

1, Mahendranath Roy Bye Lane : Sample Order Receipt No. RVB/FM/50 SI. No. 1587 dtd. 09.10.2015

Sample Description : Drinking Water

Mark on Sample : Nil

Your Ref No.

Sample Received On : 09.10.2015 Analysis Completed on : 13.10.2015

A. Microbiological Test Findings:

SI No.	Test parameters	Test Method	Unit	Result	Norms as per IS: 10500, 2012 2nd Rev.
1	Coliform Organism/100ml	APHA 22nd Edn. 9222B	CFU	Absent	Absent in100 ml
2	E. coli/100ml	APHA 22nd Edn. 9222G	CFU	Absent	Absent

**B. Physical Test Findings:** 

1.Colour - Colourless

2. Appearance - Clear

3. Odour - Unobjectionable

C	Chemical	Test	Fine	lings.
U.	Cilcillicai	1621	LILL	illiys.

SI No.	Test parameters	Test Method	Unit	Result	Norms as per IS: 10500, 2012 2nd Rev.	
					Acceptable Limit	Permissible Limit
1	Turbidity	IS: 3025 (Part-10): 1984 Reaffirmed 2012	NTU	< 1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 1983 Reaffirmed 2012		6.5	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984 Reaffirmed 2012	mg/l	62	500 Max.	2000 Max.
	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986 Reaffirmed 2009	mg/l	45	200 Max.	600 Max.
5	Silica as SiO <sub>2</sub>	IS: 3025 (Part-35): 1988 Reaffirmed 2009	mg/l	< 5		
6	Iron as Fe	IS: 3025 (Part-53): 2003 Reaffirmed 2009	mg/l	< 0.1	0.30 Max.	No Relaxation
	Calcium as Ca	IS: 3025 (Part-40) - 1991 Reaffirmed 2009	mg/l	1	75 Max.	200 Max.
	Magnesium as Mg	IS: 3025 (Part-46): 1994 Reaffirmed 2009	mg/l	< 1	30 Max.	100 Max.
	Sulphate as SO <sub>4</sub>	IS: 3025 (Part-24) - 1986 Reaffirmed 2009	mg/l	< 5	200 Max.	400 Max.
	Chloride as Cl	IS: 3025 (Part-32): 1988 Reaffirmed 2009	mg/l	10	250 Max.	1000 Max.
	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988 Reaffirmed 2009	mg/l	< 1	45 Max.	No Relaxation
12	Total Hardness as CaCO <sub>3</sub>	IS: 3025 (Part-21) - 2009	mg/l	2	200 Max.	600 Max.
	a) Temporary Hardness		mg/l	2		
	b) Permanent Hardness		mg/l	Nil		

Note:

Minimum detection limit of Silica - 5.0mg/l, Iron - 0.1mg/l, Magnesium - 1.0mg/l, Sulphate - 5.0mg/l & Nitrate - 1.0mg/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

\* Results relate only to the parameters tested.

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