



# 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. TC781522100003350F

No. W(S)/22-23/296

Date : May 20, 2022

Page 1 of 2

Issued to

: M/S. VATECH WABAG LTD.

104 MLD Water Treatment Plant, Bhatpara Municipality,

Jagaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125

Your Ref.

: Sample Order Receipt No. RVB/FM/50 Sl. No. 8052 dtd. 13.05.2022

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 13.05.2022

Test Completed on

: 14.05.2022

Parameters Tested:

Microbiological :

1) Coliform Organism (2) E.Coli

### Microbiological Test Report :

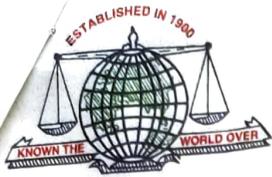
Sl No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.), Amend., June 2015
1	Coliform Organism	APHA 23rd Edn. 9222B	CFU/100ml	Absent	Absent
2	E. Coli	APHA 23rd Edn. 9222H	CFU/100ml	Absent	Absent

### 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.)



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ULR NO. TC781522100003350F

Date : May 20, 2022

Page 2 of 2

No. W(S)/22-23/296

Issued to

: M/S. VATECH WABAG LTD.

104 MLD Water Treatment Plant, Bhatpara Municipality,

Jagaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125

: Sample Order Receipt No. RVB/FM/50 Sl. No. 8052 dtd. 13.05.2022

Your Ref.

Sample Description

Mark on Sample

Sample Submitted on

Test Completed on

: Drinking Water

: Treated Water

: 13.05.2022

: 18.05.2022

Parameters Tested:

Chemical Parameters

Turbidity, TDS, Alkalinity, Iron, Chloride,

Nitrate, Arsenic, pH, Fluoride, Total Chromium

Physical Test Findings :

1. Colour - Colourless

2. Appearance - Clear

3. Odour - Agreeable

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
1	Turbidity	IS: 3025 (Part-10): 1984 Reaffirmed 2012	NTU	<1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 1984 Reaffirmed 2012	---	7	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984 Reaffirmed 2012	mg/l	150	500 Max.	2000 Max.
4	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986 Reaffirmed 2009	mg/l	82	200 Max.	600 Max.
5	Iron as Fe	IS: 3025 (Part-53): 2003 Reaffirmed 2009	mg/l	<0.1	1.0 Max.	No Relaxation
6	Chloride as Cl	IS: 3025 (Part-32): 1988 Reaffirmed 2009	mg/l	14	250 Max.	1000 Max.
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988 Reaffirmed 2009	mg/l	4.9	45 Max.	No Relaxation
8	Total Arsenic as As	IS: 3025 (Part-37): 1988 Reaffirmed 2009	mg/l	< 0.002	0.01 Max.	No Relaxation
9	Total Chromium as Cr	IS: 3025 (Part-52): 2003 Reaffirmed 2009	mg/l	< 0.05	0.05 Max.	No Relaxation
10	Fluoride as F	IS: 3025 (Part-60): 2008	mg/l	0.15	1 Max.	1.5 Max.

Minimum detection limit :

(i) Iron : 0.1mg/l (ii) Total Arsenic : 0.002mg/l (iii) Total Chromium : 0.05mg/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 :

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Report Verified by  
(J. DAS)

J. Mukherjee  
Quality Manager  
Authorized Signatory

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

- ★ 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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TC-7815

## TEST REPORT

ULR NO. TC781522100004145F

No. W(S)/22-23/577A

Date : June 28, 2022

Page 1 of 2

Issued to : M/S. VATECH WABAG LTD.  
104 MLD Water Treatment Plant, Bhatpara Municipality,  
Jagaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125

Your Ref. : Sample Order Receipt No. RVB/FM/50 Sl. No. 8219 dtd. 23.06.2022

Sample Description : Drinking Water

Mark on Sample : Treated Water

Sample Submitted on : 23.06.2022

Test Completed on : 24.06.2022

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

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CIN : U51109WB1931PTC007007



TC-7815

## TEST REPORT

ULR NO. TC781522100004145F

No. W(S)/22-23/577A

Date : June 28, 2022

Page 2 of 2

Issued to

: M/S. VATECH WABAG LTD.

104 MLD Water Treatment Plant, Bhatpara Municipality,

Jağaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125

Your Ref.

: Sample Order Receipt No. RVB/FM/50 Sl. No. 8219 dtd. 23.06.2022

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 23.06.2022

Test Completed on

: 27.06.2022

Parameters Tested:

Chemical Parameters

Turbidity, TDS, Alkalinity, Iron, Chloride,

Nitrate, Arsenic, pH, Fluoride, Total Chromium

### 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
1	Turbidity	IS: 3025 (Part-10): 1984 Reaffirmed 2012	NTU	< 1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 1984 Reaffirmed 2012	---	6.6	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984 Reaffirmed 2012	mg/l	114	500 Max.	2000 Max.
4	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986 Reaffirmed 2009	mg/l	65	200 Max.	600 Max.
5	Iron as Fe	IS: 3025 (Part-53): 2003 Reaffirmed 2009	mg/l	<0.1	1.0 Max.	No Relaxation
6	Chloride as Cl	IS: 3025 (Part-32): 1988 Reaffirmed 2009	mg/l	8	250 Max.	1000 Max.
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988 Reaffirmed 2009	mg/l	15.2	45 Max.	No Relaxation
8	Total Arsenic as As	IS: 3025 (Part-37): 1988 Reaffirmed 2009	mg/l	< 0.002	0.01 Max.	No Relaxation
9	Total Chromium as Cr	IS: 3025 (Part-52): 2003 Reaffirmed 2009	mg/l	< 0.05	0.05 Max.	No Relaxation
10	Fluoride as F	IS: 3025 (Part-60): 2008	mg/l	< 0.1	1 Max.	1.5 Max.

### Minimum detection limit :

(i) Iron : 0.1mg/l (ii) Total Arsenic : 0.002mg/l (iii) Total Chromium : 0.05mg/l (iv) Fluoride : 0.1mg/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.

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TC-7815

## TEST REPORT

ULR NO. TC781522100004974F

No. W(S)/22-23/764

Date : August 08, 2022

Page 1 of 2

Issued to

: M/S. VATECH WABAG LTD.

104 MLD Water Treatment Plant, Bhatpara Municipality,

Jagaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125

Your Ref.

: Sample Order Receipt No. RVB/FM/50 Sl. No. 8322 dtd. 25.07.2022

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 25.07.2022

Test Completed on

: 26.07.2022

Parameters Tested:

Microbiological :

1) Coliform Organism (2) 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.)

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CIN : U51109WB1931PTC007007



TC-7815

## TEST REPORT

ULR NO. TC781522100004974F

No. W(S)/22-23/764

Date : August 08, 2022

Page 2 of 2

Issued to

: M/S. VATECH WABAG LTD.

104 MLD Water Treatment Plant, Bhatpara Municipality,  
Jagaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125

Your Ref.

: Sample Order Receipt No. RVB/FM/50 Sl. No. 8322 dtd. 25.07.2022

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 25.07.2022

Test Completed on

: 03.08.2022

Parameters Tested:

Chemical Parameters

Turbidity, TDS, Alkalinity, Iron, Chloride,  
Nitrate, Arsenic, pH & Fluoride

### 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
1	Turbidity	IS: 3025 (Part-10): 1984	NTU	< 1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 1984	---	6.81	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	90	500 Max.	2000 Max.
4	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986	mg/l	59	200 Max.	600 Max.
5	Iron as Fe	IS: 3025 (Part-53): 2003	mg/l	< 0.1	0.30 Max.	No Relaxation
6	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	12	250 Max.	1000 Max.
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988	mg/l	< 1	45 Max.	No Relaxation
8	Total Arsenic as As	IS: 3025 (Part-37): 1988	mg/l	< 0.002	0.01 Max.	0.05 Max.
9	Total Chromium as Cr	IS: 3025 (Part-52): 2003	mg/l	< 0.05	0.05 Max.	No Relaxation
10	Fluoride as F	IS: 3025 (Part-60): 2008	mg/l	< 0.1	1 Max.	1.5 Max.

### Minimum detection limit :

i) Iron: 0.1mg/l (ii) Total Arsenic: 0.002mg/l (iii) Total Chromium: 0.05mg/l (iv) Nitrate: 1.0mg/l (v) Fluoride: 0.1mg/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  
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