



# 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. TC781522100006878F

No. W(S)/22-23/1371

Date : November 09, 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. 8705 dtd. 03.11.2022

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 03.11.2022

Test Completed on

: 04.11.2022

Parameters Tested:

Microbiological :

1) Coliform Organism (2) E.Coli

### Microbiological Test Findings :

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 :

( Pijush Kanti Dutta )  
Sr. Microbiologist  
Authorized Signatory



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TC-7815

## TEST REPORT

ULR NO. TC781522100006878F

No. W(S)/22-23/1371

Date : November 09, 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. 8705 dtd. 03.11.2022

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 03.11.2022

Test Completed on

: 07.11.2022

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	---	7.3	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	146	500 Max.	2000 Max.
4	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986	mg/l	74.2	200 Max.	600 Max.
5	Iron as Fe	IS: 3025 (Part-53): 2003	mg/l	0.14	0.30 Max.	No Relaxation
6	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	14.4	250 Max.	1000 Max.
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988	mg/l	5.1	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	0.11	1 Max.	1.5 Max.

### Minimum detection limit :

i) Total Chromium: 0.05mg/l (ii) Total Arsenic: 0.002mg/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.

- ★ 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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CIN : U51109WB1931PTC007007



TC-7815

## TEST REPORT

ULR NO. TC781522100007443F ..

No. W(S)/22-23/1537

Date : December 09, 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. 8806 dtd. 02.12.2022

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 02.12.2022

Test Completed on

: 08.12.2022

### 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	NTU	<1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 1984	---	7.1	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	178	500 Max.	2000 Max.
4	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986	mg/l	102	200 Max.	600 Max.
5	Iron as Fe	IS: 3025 (Part-53): 2003	mg/l	<0.1	1.0 Max.	No Relaxation
6	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	18	250 Max.	1000 Max.
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988	mg/l	6.7	45 Max.	No Relaxation
8	Total Arsenic as As	IS: 3025 (Part-37): 1988	mg/l	< 0.002	0.01 Max.	No Relaxation
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	0.12	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 :

  
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. TC781522100007443F

No. W(S)/22-23/1537

Date : December 09, 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. 8806 dtd. 02.12.2022

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 02.12.2022

Test Completed on

: 03.12.2022

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 :

( Pijush Kanti Dutta )  
Sr. Microbiologist  
Authorized Signatory



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TC-7815

## TEST REPORT

ULR NO. TC781523100000180F

No. W(S)/22-23/1733

Date : January 10, 2023

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. 8960 dtd. 03.01.2023

Sample Description : Drinking Water

Mark on Sample : Treated Water

Sample Submitted on : 03.01.2023

Test Completed on : 04.01.2023

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 :

Pijush Kanti Dutta  
Sr. Microbiologist  
Authorized Signatory





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TC-7815

## TEST REPORT

ULR NO. TC781523100000180F

No. W(S)/22-23/1733

Date : January 10, 2023

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. 8960 dtd. 03.01.2023

Sample Description : Drinking Water

Mark on Sample : Treated Water

Sample Submitted on : 03.01.2023

Test Completed on : 09.01.2023

### 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	NTU	<1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 1984	---	7.3	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	168	500 Max.	2000 Max.
4	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986	mg/l	114	200 Max.	600 Max.
5	Iron as Fe	IS: 3025 (Part-53): 2003	mg/l	<0.1	1.0 Max.	No Relaxation
6	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	20	250 Max.	1000 Max.
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988	mg/l	8.2	45 Max.	No Relaxation
8	Total Arsenic as As	IS: 3025 (Part-37): 1988	mg/l	< 0.002	0.01 Max.	No Relaxation
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	0.15	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 :

Report Verified by  
(J. DAS)

SS

J. Mukherjee  
Quality Manager

Authorized Signatory

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

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