



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. TC781522100005466F

No. W(S)/22-23/939

Date : August 27, 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. 8487 dtd. 22.08.2022
Sample Description : Drinking Water
Mark on Sample : Treated Water
Sample Submitted on : 22.08.2022
Test Completed on : 23.08.2022

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.)

- ★ 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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No. W(S)/22-23/939

Date : August 27, 2022

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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. 8487 dtd. 22.08.2022

Your Ref.

Sample Description

Mark on Sample

Sample Submitted on

Test Completed on

: Drinking Water

: Treated Water

: 22.08.2022

: 25.08.2022

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	---	6.6	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	156	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS: 3025 (Part-23) - 1986	mg/l	49	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	37	250 Max.	1000 Max.
7	Nitrate as NO ₃	IS: 3025 (Part-34): 1988	mg/l	8.3	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	< 0.1	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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CIN : U51109WB1931PTC007007



TC-7815

TEST REPORT

ULR NO. TC781522100005886F

No. W(S)/22-23/1115

Date : September 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. 8536 dtd. 13.09.2022
Sample Description : Drinking Water
Mark on Sample : Treated Water
Sample Submitted on : 13.09.2022
Test Completed on : 14.09.2022

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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TEST REPORT

ULR NO. TC781522100005886F

No. W(S)/22-23/1115

Date : September 20, 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

: Sample Order Receipt No. RVB/FM/50 Sl. No. 8536 dtd. 13.09.2022

Your Ref.

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 13.09.2022

Test Completed on

: 19.09.2022

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	---	6.9	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	46	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS: 3025 (Part-23) - 1986	mg/l	16	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	17	250 Max.	1000 Max.
7	Nitrate as NO ₃	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.	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	< 0.1	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 (v) Nitrate : 1.0mg/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. TC781522100006480F

No. W(S)/22-23/1284

Date : October 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. 8638 dtd. 17.10.2022
Sample Description : Drinking Water
Mark on Sample : Treated Water
Sample Submitted on : 17.10.2022
Test Completed on : 19.10.2022

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. TC781522100006480F

No. W(S)/22-23/1284

Date : October 20, 2022

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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. 8638 dtd. 17.10.2022

Your Ref.

Sample Description

Mark on Sample

Sample Submitted on

Test Completed on

: Drinking Water

: Treated Water

: 17.10.2022

: 19.10.2022

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	---	7.0	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	56	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS: 3025 (Part-23) - 1986	mg/l	23	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	12	250 Max.	1000 Max.
7	Nitrate as NO ₃	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.	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	<0.1	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 (v) Nitrate : 1.0mg/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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