

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS

(AN ISO 9001:2015 & ISO 45001: 2018 CERTIFIED COMPANY)

TAHER MANSION, 1ST FLOOR 9, BENTINCK STREET, KOLKATA - 700 001



CIN: U51109WB1931PTC007007



## TEST REPORT

ULR NO. TC781523100000729F

Date: February 08, 2023 No. W(S)/22-23/1921

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 : Sample Order Receipt No. RVB/FM/50 Sl. No. 9070 dtd. 03.02.2023

Your Ref.

**Drinking Water** 

Sample Description Mark on Sample

: Treated Water

: 03.02.2023

ample Submitted on Test Completed on .

: 04.02.2023

Parameters Tested:

Microbiological:

1) Coliform Organism (2) E.Coli

Microbiological Test Report:

SI 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

Pemarks on Microbiological Test Report :

above mentioned sample of drinking water complies with IS: 10500, 2012 (2nd Rev.) & Satisfactory drinking purpose, in respect of the above mentioned parameters.

#### : END OF TEST REPORT :

( Pijush Kanti Dutta ) Sr. Microbiologist Authorized Signatory

<sup>★</sup> The test report shall not be reproduced, except in full, without written approval of the Company.



**ANALYTICAL CONSULTING & TECHNICAL CHEMISTS** 

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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. TC781523100000729F

No. W(S)/22-23/1921 Date : February 08, 2023

Page 2 of 2

Issued to

: M/S. VATECH WABAG LTD.

104 MLD Water Treatment Plant, Bhatpara Municipality,

Your Ref.

Jagaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125 : Sample Order Receipt No. RVB/FM/50 Sl. No. 9070 dtd. 03.02.2023

Sample Description

: Drinking Water : Treated Water Parameters Tested: Chemical Parameters

Mark on Sample Sample Submitted on

Test Completed on

: 03.02.2023 : 07.02.2023

Turbidity, TDS, Alkalinity, Iron, Chloride, Nitrate, Arsenic, pH, Fluoride, Total Chromium

Chemical Test Findings :

SI	Test parameters	Test Method		Result	Norms as per IS: 10500, 2012 (2nd Rev.), Amend., June 2015	
No.					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	93.8	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	20.2	250 Max.	1000 Max.
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988	mg/l	12.6	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
_	Fluoride as F	IS: 3025 (Part-60): 2008	mg/l	0.51	1 Max.	1.5 Max.

Minimum detection limit :

) Iron : 0.1mg/l (ii) 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)

Quality Manager
Authorized Signatory
For R.V.BRIGGS & CO. PRIVATE LTD.

<sup>★</sup> The test report shall not be reproduced, except in full, without written approval of the Company.



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CIN: U51109WB1931PTC007007



## **TEST REPORT**

ULR NO. TC781523100000836F

No. W(S)/22-23/1950 Date: February 13, 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 SI. No. 9084 dtd. 07.02.2023

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Parameters Tested:
Microbiological:

Sample Submitted on : 08.02.2023 Test Completed on : 09.02.2023

1) Coliform Organism (2) E.Coli

**Microbiological Test Report:** 

SI 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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CIN: U51109WB1931PTC007007



ULR NO. TC781523100000836F

Date: February 13, 2023

Page 2 of 2

No. W(S)/22-23/1950 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. 9084 dtd. 07.02.2023

Your Ref.

: Drinking Water

Parameters Tested:

Sample Description Mark on Sample

: Treated Water

**Chemical Parameters** 

Sample Submitted on Test Completed on

: 08.02.2023 : 11.02.2023 Turbidity, TDS, Alkalinity, Iron, Chloride, Nitrate, Arsenic, pH, Fluoride, Total Chromium

Chamical Tost Findings

SI	Test parameters	Test Method	Unit	Result	Norms as per IS: 10500, 2012 (2nd Rev.), Amend., June 2015	
No.					Acceptable Limit	Permissible Limit
1	pH value	IS: 3025 (Part-11): 1984		7.3	6.5 - 8.5	No Relaxation
2	Turbidity	IS: 3025 (Part-10): 1984	NTU	<1	1.0 Max.	5.0 Max.
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	268	500 Max.	2000 Max.
4	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	34	250 Max.	1000 Max.
5	Fluoride as F	IS: 3025 (Part-60): 2008	mg/l	0.20	1 Max.	1.5 Max.
6	Iron as Fe	IS: 3025 (Part-53): 2003	mg/l	<0.1	1.0 Max.	No Relaxation
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988	mg/l	14.7	45 Max.	No Relaxation
8	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986	mg/l	135	200 Max.	600 Max.
9	Total Arsenic as As	IS: 3025 (Part-37): 1988	mg/l	< 0.002	0.01 Max.	No Relaxation
10	Total Chromium as Cr	IS: 3025 (Part-52): 2003	mg/l	< 0.05	0.05 Max.	No Relaxation

#### 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)

Quality Manager Authorized Signatory For R.V.BRIGGS & CO. PRIVATE LTD.

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CIN: U51109WB1931PTC007007



### **TEST REPORT**

ULR NO. TC781523100001438F

No. W(S)/22-23/2106 Date: March 09, 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. 9189 dtd. 03.03.2023

Sample Description : Drinking Water Mark on Sample : Treated Water

Sample Submitted on : 03.03.2023 Test Completed on : 04.03.2023 Microbiological:

Parameters Tested:

1) Coliform Organism (2) E.Coli

Microbiological Test Report:

SI 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

SS

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CIN: U51109WB1931PTC007007



ULR NO. TC781523100001438F

Date: March 09, 2023

Page 2 of 2

TC-7815

No. W(S)/22-23/2106 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. 9189 dtd. 03.03.2023

Your Ref.

: Drinking Water

Parameters Tested:

Sample Description Mark on Sample

: Treated Water

**Chemical Parameters** Turbidity, TDS, Alkalinity, Iron, Chloride,

Sample Submitted on Test Completed on

: 03.03.2023 : 08.03.2023

Nitrate, Arsenic, pH, Fluoride, Total Chromium

Che SI	emical Test Findings :  Test parameters	Test Method	Unit	Result	Norms as per IS: 10500, 2012 (2nd Rev.), Amend., June 2015	
No.					Acceptable Limit	Permissible Limit
1	pH value	IS: 3025 (Part-11): 1984		7.7	6.5 - 8.5	No Relaxation
2	Turbidity	IS: 3025 (Part-10): 1984	NTU	<1	1.0 Max.	5.0 Max.
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	296	500 Max.	2000 Max.
4	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	37	250 Max.	1000 Max.
5	Fluoride as F	IS: 3025 (Part-60): 2008	mg/l	0.35	1 Max.	1.5 Max.
6	Iron as Fe	IS: 3025 (Part-53): 2003	mg/l	<0.1	1.0 Max.	No Relaxation
7	Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988	mg/l	10.8	45 Max.	No Relaxation
8	Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986	mg/l	139	200 Max.	600 Max.
_	Total Arsenic as As	IS: 3025 (Part-37): 1988	mg/l	0.003	0.01 Max.	No Relaxation
_	Total Chromium as Cr	IS: 3025 (Part-52): 2003	mg/l	< 0.05	0.05 Max.	No Relaxation

#### Minimum detection limit:

(i) Iron: 0.1mg/I (ii) Total Chromium: 0.05mg/I.

#### **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)

Quality Manager **Authorized Signatory** For R.V.BRIGGS & CO. PRIVATE LTD.

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Your Ref.

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

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CIN: U51109WB1931PTC007007



## **TEST REPORT**

ULR NO. TC781523100002203F

No. W(S)/23-24/18 Date: April 12, 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 : Sample Order Receipt No. RVB/FM/50 Sl. No. 9341 dtd. 04.04.2023

Sample Description : Drinking Water

Mark on Sample : Treated Water

Sample Submitted on : 04.04.2023 Test Completed on : 05.04.2023 Parameters Tested: Microbiological:

1) Coliform Organism (2) E.Coli

#### Microbiological Test Report:

SI No.	Test parameters	Test Method	Unit	Result	Norms as per IS : 10500, 2012 (2nd Rev.), Amend., June 2015
l	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:

e 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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CIN: U51109WB1931PTC007007



## **TEST REPORT**

ULR NO. TC781523100002203F

No. W(S)/23-24/18 Date : April 12, 2023 Page 2 of 2

Issued to : M/S. VATECH WABAG LTD.

: 11.04.2023

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 SI. No. 9341 dtd. 04.04.2023

Sample Description : Drinking Water Mark on Sample : Treated Water Sample Submitted on : 04.04.2023

**Chemical Parameters** Turbidity, TDS, Alkalinity, Iron, Chloride,

**Parameters Tested:** 

Nitrate, Arsenic, pH, Fluoride, Total Chromium

Chemical Test Findings

Test Completed on

emicai Test Findings :					
Test parameters	Test Method	Unit	Result	Norms as per IS: 10500, 2012 (2nd Rev.), Amend., June 2015	
		£ 18		Acceptable Limit	Permissible Limit
ACCUPANT OF THE RESIDENCE OF THE PARTY OF TH	IS: 3025 (Part-10): 1984	NTU	<1	1.0 Max.	5.0 Max.
	IS: 3025 (Part-11): 1984		7.5	6.5 - 8.5	No Relaxation
	IS: 3025 (Part-16): 1984	mg/l	288	500 Max.	2000 Max.
Alkalinity as CaCO <sub>3</sub>	IS: 3025 (Part-23) - 1986	mg/l	96.6	200 Max.	600 Max.
Iron as Fe	IS: 3025 (Part-53): 2003	mg/l	<0.1	1.0 Max.	No Relaxation
Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	51.5	250 Max.	1000 Max.
Nitrate as NO <sub>3</sub>	IS: 3025 (Part-34): 1988	mg/l	12.6	45 Max.	No Relaxation
Total Arsenic as As	IS: 3025 (Part-37): 1988	mg/l	< 0.002	0.01 Max.	No Relaxation
Total Chromium as Cr	IS: 3025 (Part-52): 2003	mg/l	< 0.05		No Relaxation
	IS: 3025 (Part-60): 2008	mg/l	0.13	1 Max.	1.5 Max.
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Minimum detection limit:

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

**Quality Manager Authorized Signatory** For R.V.BRIGGS & CO. PRIVATE LTD.

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