



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. TC781523100002802F

No. W(S)/23-24/228

Date : May 12, 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. 9473 dtd. 05.05.2023

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 05.05.2023

Test Completed on

: 10.05.2023

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	NTU	<1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 1984	---	7.4	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	266	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS: 3025 (Part-23) : 1986	mg/l	118	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	32.3	250 Max.	1000 Max.
7	Nitrate as NO ₃	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	0.18	1 Max.	1.5 Max.

Minimum detection limit :

(i) 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)

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

SS

- ★ 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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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. 9473 dtd. 05.05.2023

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 05.05.2023

Test Completed on

: 07.05.2023

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. TC781523100003560F

No. W(S)/23-24/482

Date : June 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

Your Ref.

: Sample Order Receipt No. RVB/FM/50 Sl. No. 9624 dtd. 06.06.2023

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 06.06.2023

Test Completed on

: 08.06.2023

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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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. 9624 dtd. 06.06.2023

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 06.06.2023

Test Completed on

: 08.06.2023

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	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	330	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS: 3025 (Part-23) - 1986	mg/l	141	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	39.5	250 Max.	1000 Max.
7	Nitrate as NO ₃	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
10	Fluoride as F	IS: 3025 (Part-60): 2008	mg/l	0.51	1 Max.	1.5 Max.

Minimum detection limit :

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

ss

Report Verified by
(J.Das)

Dr. R. KARIM
Technical Manager
Authorized Signatory
For R.V.BRIGGS & CO. PRIVATE LTD.

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TC-7815

TEST REPORT

ULR NO. TC781523100004250F

No. W(S)/23-24/648

Date : July 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

Your Ref.

: Sample Order Receipt No. RVB/FM/50 Sl. No. 9711 dtd. 05.07.2023

Sample Description

: Drinking Water

Mark on Sample

: Treated Water

Sample Submitted on

: 05.07.2023

Test Completed on

: 07.07.2023

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

Your Ref. : Sample Order Receipt No. RVB/FM/50 Sl. No. 9711 dtd. 05.07.2023

Sample Description : Drinking Water

Mark on Sample : Treated Water

Sample Submitted on : 05.07.2023

Test Completed on : 10.07.2023

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	NTU	<1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 1984	---	7.5	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 1984	mg/l	258	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS: 3025 (Part-23) - 1986	mg/l	123	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	34.9	250 Max.	1000 Max.
7	Nitrate as NO ₃	IS: 3025 (Part-34): 1988	mg/l	13.8	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	0.16	1 Max.	1.5 Max.

Minimum detection limit :

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

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Report Verified by
(J. DAS)


(Dr. R. KARIM)
Technical Manager
Authorized Signatory
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