

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

> > Parameters Tested:

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

Microbiological: Test Completed on : 04.11.2022 1) Coliform Organism (2) E.Coli

Microbiological Test Findings:

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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ULR NO. TC781522100006878F

Date: November 09, 2022 No. W(S)/22-23/1371

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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

Your Ref.

: Sample Order Receipt No. RVB/FM/50 Sl. No. 8705 dtd. 03.11.2022

Parameters Tested:

Sample Description Mark on Sample

Test Completed on

: Drinking Water : Treated Water

Chemical Parameters

Sample Submitted on

: 03.11.2022

: 07.11.2022

Turbidity, TDS, Alkalinity, Iron, Chloride,

Nitrate, Arsenic, pH & Fluoride

SI	emical Test Findings : Test parameters	Test Method	Unit	Result	Norms as per IS: 10500, 2012 (2nd Rev.), Amend. "June 2015		
No.	Test parameters	Test Metalog			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 ₃	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 ₃	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)

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



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 Description

: Sample Order Receipt No. RVB/FM/50 Sl. No. 8806 dtd. 02.12.2022

Mark on Sample

: Drinking Water : Treated Water

Parameters Tested: **Chemical Parameters**

Sample Submitted on Test Completed on

: 02.12.2022 : 08.12.2022

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

Test parameters	Test Method	Unit	Result	Norms as per IS: 10500, 2012 (2nd Rev.), Amend., June 2015		
				Acceptable Limit	Permissible Limit	
		IS: 3025 (Part-10): 1984	NTU	<1	1.0 Max.	5.0 Max.
		IS: 3025 (Part-11): 1984		7.1	6.5 - 8.5	No Relaxation
The state of the s		IS: 3025 (Part-16): 1984	mg/l	178	500 Max.	2000 Max.
inity as CaCO ₃		IS: 3025 (Part-23) - 1986	mg/l	102	_	600 Max.
as Fe		IS: 3025 (Part-53): 2003	mg/l	<0.1		No Relaxation
ride as Cl		IS: 3025 (Part-32): 1988	- -	18		1000 Max.
e as NO ₃		IS: 3025 (Part-34): 1988	+-	6.7		No Relaxation
Arsenic as As		IS: 3025 (Part-37): 1988	- -			No Relaxation
Chromium as Cr			+ -	-		No Relaxation
		IS: 3025 (Part-60): 2008	 	0.12		1.5 Max.
	Test parameters idity alue Dissolved Solids linity as CaCO ₃ as Fe ride as Cl e as NO ₃ Arsenic as As Chromium as Cr de as F	idity alue Dissolved Solids linity as CaCO ₃ as Fe ride as Cl e as NO ₃ Arsenic as As Chromium as Cr de as F	idity IS: 3025 (Part-10): 1984 Bissolved Solids IS: 3025 (Part-16): 1984 IS: 3025 (Part-16): 1984 IS: 3025 (Part-23) - 1986 IS: 3025 (Part-23) - 1986 IS: 3025 (Part-53): 2003 IS: 3025 (Part-32): 1988 e as NO ₃ IS: 3025 (Part-34): 1988 Arsenic as As IS: 3025 (Part-37): 1988 Chromium as Cr IS: 3025 (Part-52): 2003 de as F IS: 3025 (Part-60): 2008	idity IS: 3025 (Part-10): 1984 NTU alue IS: 3025 (Part-11): 1984 Dissolved Solids IS: 3025 (Part-16): 1984 mg/l linity as CaCO ₃ IS: 3025 (Part-23) - 1986 mg/l as Fe IS: 3025 (Part-53): 2003 mg/l ride as Cl IS: 3025 (Part-32): 1988 mg/l e as NO ₃ IS: 3025 (Part-34): 1988 mg/l Arsenic as As IS: 3025 (Part-37): 1988 mg/l Chromium as Cr IS: 3025 (Part-52): 2003 mg/l de as F IS: 3025 (Part-60): 2008 mg/l	idity IS: 3025 (Part-10): 1984 NTU <1 alue IS: 3025 (Part-11): 1984 7.1 Dissolved Solids IS: 3025 (Part-16): 1984 mg/l 178 linity as CaCO ₃ IS: 3025 (Part-23) - 1986 mg/l 102 as Fe IS: 3025 (Part-53): 2003 mg/l <0.1 ride as Cl IS: 3025 (Part-32): 1988 mg/l 18 e as NO ₃ IS: 3025 (Part-34): 1988 mg/l 6.7 Arsenic as As IS: 3025 (Part-37): 1988 mg/l <0.002 Chromium as Cr IS: 3025 (Part-52): 2003 mg/l <0.05 de as F IS: 3025 (Part-60): 2008 mg/l 0.12	Test parameters

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.

Results relate only to the parameters tested.

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Your Ref.

R. V. BRIGGS & CO. PRIVATE LTD.

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TEST REPORT

ULR NO. TC781522100007443F

No. W(S)/22-23/1537 Date : December 09, 2022

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. 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:

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



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

Parameters Tested:

Microbiological:

Your Ref. : Sample Order Receipt No. RVB/FM/50 St. 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 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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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 Parameters Tested:

Sample Description : Drinking Water Parameters Tested:

Mark on Sample : Treated Water Chemical Parameters

Sample Submitted on
Test Completed on: 03.01.2023
: 09.01.2023Turbidity, TDS, Alkalinity, Iron, Chloride,
Nitrate, Arsenic, pH, Fluoride, Total Chromium

Chemical Test Findings:

SI 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 ₃	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 ₃	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)

J. Mukherjee

Quality Manager

Authorized Signatory

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

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