

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

No	. W(S)/22-23/1371	Date : November 0	9, 2022	277	Page 1 of 2				
lss	ued to	: M/S. VATECH WABAG							
		104 MLD Water Treatment Plant, Bhatpara Municipality,							
	_	Jagaddal, P.O. Golghar,							
	ur Ref.	: Sample Order Receipt N	o. RVB/FM/50 S	SI. No. 870	5 dtd. 03.11.2022				
	mple Description	: Drinking Water							
	rk on Sample	: Treated Water		Parameters Tested:					
	mple Submitted on	: 03.11.2022		Microbiological :					
	st Completed on	: 04.11.2022		1) Coliform Organism (2) E.Coli					
	robiological Test Find	ings :			all the second sec				
SI No.		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 Jrinking 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

	R NO. TC781522100006 . W(S)/22-23/1371	Date : November 09		Page 2 of 2					
	ued to	: M/S. VATECH WABAG LTD. 104 MLD Water Treatment Plant, Bhatpara Municipality, Jagaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125							
Vai	ur Ref.	: Sample Order Receipt No. RVB/F <u>M/50 SI. No. 8705 dtd. 03.11.2022</u>							
	mple Description	Drinking Water Parameters Tested:							
	rk on Sample	: Treated Water	meters						
	nple Submitted on	03.11.2022 Turbidity, TDS, Alkalini							
	t Completed on	: 07.11.2022	pH & Fluoride	9					
Che	emical Test 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	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 1	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)

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TC-7815

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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TEST REPORT

	o. W(S)/22-23/1537	Date : December 0	Page 2 of 2					
Issued to		: M/S. VATECH WABAG LTD.	,			Fage 2 01 2		
		104 MLD Water Treatment Plant, E	Bhatpara	Municip	ality			
		Jagaddal, P.O. Golghar, Dist. 24 P	as. (N) -7	43125	-			
	ur Ref.	: Sample Order Receipt No. RVB/FN	1/50 SI. N	lo. 8806	dtd. 02.12.	2022		
	mple Description	: Drinking Water : Treated Water : 02.12.2022		Parameters Tested:				
	irk on Sample			mical Pa	arameters			
	mple Submitted on st Completed on			Turbidity, TDS, Alkalinity, Iron, Chloride,				
Ch	emical Test Findings :				te, Arsenic, pH, Fluoride, Total Chromium			
	liniour rest rindings .							
	Test parameters	Test Method			Norms as per			
SI No.			II.	Result	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 ₃	IS: 3025 (Part-23) - 1986	mg/l	102	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	18	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		
	Total Chromium as Cr	IS: 3025 (Part-52): 2003	mg/l	< 0.05	0.05 Max.	No Relaxation		
9	roun omonitain as ci	10.0025 (1 m(-52).2005)	mg/1	- 0.0J	0.05 Wax. I	No Kelaxanon		

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)

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

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Results relate only to the parameters tested.



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TEST REPORT

No.	. W(S)/22-23/1537	Date : Dece	Page 1 of			
lssi	ued to	: M/S. VATECH WABAG	LTD.		<u> </u>	
		104 MLD Water Treatme	ality,			
Val	ur Ref.	Jagaddal, P.O. Golghar,	Dist. 24 Pgs. (N	N) -743125		
	nple Description	: Sample Order Receipt N	lo. RVB/FM/50 \$	SI. No. 8806	dtd. 02.12.2022	
	rk on Sample	: Drinking Water : Treated Water				
	nple Submitted on	: 02.12.2022		Parameter		
	t Completed on	: 03.12.2022		Microbiological : 1) Coliform Organism (2) E.Coli		
	robiological Test Rep				Organism (2) E.Coli	
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 :

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(Pijush Kanti Dutta) Sr. Microbiologist Authorized Signatory

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TEST REPORT

ULF	R NO. TC78152310000	0180F						
No.	W(S)/22-23/1733	Date : Janu	Page 1 of 2					
Issued to : M/S. VATECH WABAG LTD. 104 MLD Water Treatment Plant, Bhatpara Municipa Jagaddal, P.O. Golghar, Dist. 24 Pgs. (N) -743125								
You	r Ref.	: Sample Order Receipt No. RVB/FM/50 SI. No. 8960 dtd. 03.01.2023						
Sam	ple Description	: Drinking Water						
	k on Sample	: Treated Water		Parameters	s Tested			
Sam	ple Submitted on	: 03.01.2023		Microbiolo	gical :			
Test	t Completed on	: 04.01.2023		1) Coliform Organism (2) E.Coli				
Mic	robiological Test Rep	ort :		· · · · · · · · · · · · · · · · · · ·	5			
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

No. W(S)/22-23/1733		Date : January	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							
	ır Ref.	: Sample Order Receipt No. RVB/FM/50 Sl. No. 8960 dtd. 03.01.2023							
	nple Description	: Drinking Water		Parameters Tested:					
	k on Sample	: Treated Water			rameters				
	nple Submitted on	: 03.01.2023	Turbi	dity, TDS,	Alkalinity, Iron	, Chloride,			
	t Completed on	: 09.01.2023	Nitrat	e, Arsenic	, pH, Fluoride,	Total Chromium			
Che	emical Test Findings :	-1							
	Test parameters	Test Method			Norms as per				
SI				Result	IS : 10500, 2012 (2nd Rev.), Amend., June 2015				
No.			Unit						
					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			
	Fluoride as F	IS: 3025 (Part-60): 2008		0.15	1 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 :

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Report Verified by (J. DAS)

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

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