

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS

(AN ISO 9001:2015 & ISO 45001 : 2018 CERTIFIED COMPANY)
TAHER MANSION, 1ST FLOOR

9. BENTINCK STREET, KOLKATA - 700 001



E-mail: rvbriggs.kolkata@gmail.com, info@rvbriggs.com

CIN: U51109WB1931PTC007007

TEST REPORT

ULR NO. TC1234725000004143F

Certificate No. W(S)/25-26/731 Issue Date: June 26, 2025 Page 1 of 2

Issued to : M/s. SUDHIR MEMORIAL INSTITUTE

Jessore Road, Doltala, P.O. Ganganagar, Madhyamgram, Kolkata - 700132

Your Ref. : Sample Order Receipt No. RVB/FM/50 Sl. No. 1280 dtd. 24.06.2025

Sample Description : Water

Mark on Sample : Borewell Water Sample Submitted on : 24.06.2025
Analysis Started on : 25.06.2025

5.06.2025 Parameters Tested: Microbiological 6.06.2025 1) Coliform Organism (2) E.Coli

Analysis Completed on 26.06.2025 Microbiological Test Findings: Norms as per IS: 10500, 2012 SI **Test Method** Unit Results (2nd Rev.) & Amendment Test parameters No. No. 4, November 2021 CFU/100ml Absent Absent APHA 24th Edn. 9222B Coliform Organism Absent CFU/100ml Absent APHA 24th Edn. 9222H E. coli

Remarks on Microbilogical Test Report:

The above mentioned sample of water complies with IS: 10500, 2012 (2nd Rev.) Amendment No. 4, November 2021 & Satisfactory for drinking purpose, in respect of the above mentioned parameters.

Report Verified by

Reviewed & Authorised by

Pijush Kanti Dutta Sr. Microbiologist Authorized Signatory

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

: END OF TEST REPORT :

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[★] 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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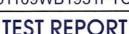
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Page 2 of 2

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Jessore Road, Doltala, P.O. Ganganagar, Madhyamgram, Kolkata - 700132 Sample Order Receipt No. RVB/FM/50 SI. No. 1280 dtd. 24.06.2025

Your Ref. Sample Description Water

Parameters Tested:

Physical: Colour, Appearance & Odour **Borewell Water** Mark on Sample

Chemical Parameters Sample Submitted on 24.06.2025

25.06.2025 Turbidity,pH,TDS,Alkalinity,Silica,Fe, Ca, Analysis Started on Mg, Sulphate, Nitrate, Chloride & TH Analysis Completed on 26.06.2025

Physical Test Findings:

2. Appearance - Clear 1 Colour - Colourless

3. Odour - Agreeable

TC-12347

Chemical Test Findings:

SI	Test parameters	Test Method	Unit	Results	Norms as per IS: 10500, 2012 (2nd Rev.) & Amendment No. 4, November 2021	
1					Turbidity	IS: 3025 (Part-10): 2023
2	pH value	IS: 3025 (Part-11): 2022		7.16	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 2023	mg/l	596	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS: 3025 (Part-23): 2023	mg/l	419	200 Max.	600 Max.
5	Silica as SiO ₂	IS: 3025 (Part-35): 2024	mg/l	11.6		
6	Iron as Fe	IS: 3025 (Part-53): 2024	mg/l	0.89	1.0 Max.	No Relaxation
7	Calcium as Ca	IS: 3025 (Part-40): 2024	mg/l	93.1	75 Max.	200 Max.
8	Magnesium as Mg	IS: 3025 (Part-46): 2023	mg/l	50.9	30 Max.	100 Max.
9	Sulphate as SO ₄	IS: 3025 (Part-24/Sec-1): 2022	mg/l	26.6	200 Max.	400 Max.
10	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	72.9	250 Max.	1000 Max.
11	Nitrate as NO ₃	IS: 3025 (Part-34/Sec-1): 2023	mg/l	3.2	45 Max.	No Relaxation
12	Total Hardness as CaCO ₃	IS: 3025 (Part-21): 2009	mg/l	442.3	200 Max.	600 Max.
	a) Temporary Hardness		mg/l	419.0		
	b) Permanent Hardness		mg/l	23.3		

Remarks on Chemical Test Report:

i) The above mentioned sample of water complies with IS: 10500, 2012 (2nd Rev.) Amendment No. 4, November 2021 & Satisfactory for drinking purpose, in respect of the above mentioned parameters

ii) Turbidity, Total Dissolved Solids, Alkalinity, Calcium, Magnesium & Total Hardness are beyond the acceptable limit but within the permissible limit

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

Reviewed & Authorised by

(Dr. R. KARIM)

Technical Manager **Authorised Signatory** For R.V. BRIGGS & CO. (P) LTD.

-: END OF TEST REPORT :-

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Page 1 of 2

: M/s. SUDHIR MEMORIAL INSTITUTE Issued to

Jessore Road, Doltala, P.O. Ganganagar, Madhyamgram, Kolkata - 700132

Your Ref.

: Sample Order Receipt No. RVB/FM/50 Sl. No. 1279 dtd. 24.06.2025

Sample Description

: Drinking Water

Mark on Sample Sample Submitted on

: RO Water : 24.06.2025

Analysis Started on

: 25.06.2025 : 26.06.2025 Parameters Tested: Microbiological

1) Coliform Organism (2) E.Coli

Analysis Completed on Microbiological Test Findings:

SI No.	Test parameters	Test Method	Unit	Results	Norms as per IS: 10500, 2012 (2nd Rev.) & Amendment No. 4, November 2021
1	Coliform Organism	APHA 24th Edn. 9222B	CFU/100ml	Absent	Absent
2	E. coli	APHA 24th Edn. 9222H	CFU/100ml	Absent	Absent

Remarks on Microbilogical Test Report :

The above mentioned sample of water complies with IS: 10500, 2012 (2nd Rev.) Amendment No. 4, November 2021 & Satisfactory for drinking purpose, in respect of the above mentioned parameters.

Report Verified by

Reviewed & Authorised by

Pijush Kanti Dutta Sr. Microbiologist

Authorized Signatory

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

: END OF TEST REPORT :

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TC-12347

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Jessore Road, Doltala, P.O. Ganganagar, Madhyamgram, Kolkata - 700132 : Sample Order Receipt No. RVB/FM/50 Sl. No. 1279 dtd. 24.06.2025

Your Ref. **Drinking Water**

Parameters Tested: Sample Description

Physical: Colour, Appearance & Odour **RO Water** Mark on Sample

Chemical Parameters 24.06.2025 Sample Submitted on

Turbidity,pH,TDS,Alkalinity,Silica,Fe, Ca, 25.06.2025 Analysis Started on Mg, Sulphate, Nitrate, Chloride & TH 26.06.2025 Analysis Completed on

Physical Test Findings:

3. Odour - Agreeable 2. Appearance - Clear 1.Colour - Colourless

Chemical Test Findings:

-	Test parameters	Test Method	Unit	Results	Norms as per IS: 10500, 2012 (2nd Rev.) & Amendment	
SI						
access 1					No. 4, November 2021	
No.					Acceptable	Permissible
					Limit	Limit
1	Turbidity	IS: 3025 (Part-10): 2023	NTU	< 1	1.0 Max.	5.0 Max.
2	pH value	IS: 3025 (Part-11): 2022		6.54	6.5 - 8.5	No Relaxation
3	Total Dissolved Solids	IS: 3025 (Part-16): 2023	mg/l	44	500 Max.	2000 Max.
4	Alkalinity as CaCO ₃	IS: 3025 (Part-23): 2023	mg/l	21.6	200 Max.	600 Max.
5	Silica as SiO ₂	IS: 3025 (Part-35): 2024	mg/l	2.1		
6	Iron as Fe	IS: 3025 (Part-53): 2024	mg/l	< 0.1	1.0 Max.	No Relaxation
7	Calcium as Ca	IS: 3025 (Part-40): 2024	mg/l	4.3	75 Max.	200 Max.
8	Magnesium as Mg	IS: 3025 (Part-46): 2023	mg/l	1.4	30 Max.	100 Max.
9	Sulphate as SO ₄	IS: 3025 (Part-24/Sec-1): 2022	mg/l	2.6	200 Max.	400 Max.
10	Chloride as Cl	IS: 3025 (Part-32): 1988	mg/l	11.5	250 Max.	1000 Max.
11	Nitrate as NO ₃	IS: 3025 (Part-34/Sec-1): 2023	mg/l	< 1	45 Max.	No Relaxation
12	Total Hardness as CaCO ₃	IS: 3025 (Part-21): 2009	mg/l	16.5	200 Max.	600 Max.
	a) Temporary Hardness		mg/l	16.5		
-	b) Permanent Hardness		mg/l	Nil		

Minimum detection limit: (i) Iron: 0.1mg/l (ii) Nitrate: 1.0mg/l

Remarks on Chemical Test Report:

The above mentioned sample of water complies with IS: 10500, 2012 (2nd Rev.) Amendment No. 4, November 2021 & 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

Reviewed & Authorised by

(Dr. R. KA Technical Manager

Authorised Signatory For R.V. BRIGGS & CO. (P) LTD.

-: END OF TEST REPORT :-

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