



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, Website : www.rvbriggs.com

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

CIN : U51109WB1931PTC007007



TC-12347

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
Analysis Completed on : 26.06.2025

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

Microbiological Test Findings :

Sl 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 Microbiological 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 :

NCB

- ★ 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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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

Analysis Completed on

26.06.2025

Parameters Tested:

Physical : Colour, Appearance & Odour

Chemical Parameters

Turbidity, pH, TDS, Alkalinity, Silica, Fe, Ca,

Mg, Sulphate, Nitrate, Chloride & TH

Physical Test Findings :

1. Colour - Colourless

2. Appearance - Clear

3. Odour - Agreeable

Chemical Test Findings :

Sl No.	Test parameters	Test Method	Unit	Results	Norms as per IS : 10500, 2012 (2nd Rev.) & Amendment No. 4, November 2021	
					Acceptable Limit	Permissible Limit
1	Turbidity	IS: 3025 (Part-10): 2023	NTU	2.5	1.0 Max.	5.0 Max.
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 :

- 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
- 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

Report Verified by

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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ULR NO. TC1234725000004144F

Certificate No. W(S)/25-26/732

Issue Date : June 26, 2025

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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 : RO Water
Sample Submitted on : 24.06.2025
Analysis Started on : 25.06.2025
Analysis Completed on : 26.06.2025

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

Microbiological Test Findings :

Sl 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 Microbiological 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.

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Sample Description : Drinking Water
Mark on Sample : RO Water
Sample Submitted on : 24.06.2025
Analysis Started on : 25.06.2025
Analysis Completed on : 26.06.2025

Parameters Tested:

Physical : Colour, Appearance & Odour

Chemical Parameters

Turbidity, pH, TDS, Alkalinity, Silica, Fe, Ca, Mg, Sulphate, Nitrate, Chloride & TH

Physical Test Findings :

1. Colour - Colourless

2. Appearance - Clear

3. Odour - Agreeable

Chemical Test Findings :

Sl No.	Test parameters	Test Method	Unit	Results	Norms as per IS : 10500, 2012 (2nd Rev.) & Amendment No. 4, November 2021	
					Acceptable Limit	Permissible 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

Report Verified by

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(Dr. R. KARIM)

Technical Manager

Authorised Signatory

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

:- END OF TEST REPORT :-