



# BRIGHT WATER LABORATORY (OPC) PRIVATE LIMITED



\*Accredited by NABL- Govt. of India and Kerala State Pollution Control Board\*

VIII/30B & B1, Potta Ashram Junction, Chalakudy, Thrissur-680722. Ph. No.:+919605275233, brightwaterlaboratory@gmail.com

## TEST REPORT

page 1 of 1

Test Report No : BWL/TR/B733

ULR NO : TC153252500000561F

Date Of Issue : 17-May-2025

Customer provided details

Customer Name : SARASWATHY VIDYANIKETHAN CENTRAL SCHOOL

Customer Address : Perambra

Phone No : 90483 83804

Date Of Sample Received : 13-May-2025

Date of analysis : 13-May-2025 to 17-May-2025

Sample ID : Nil

Type of sample : Bore well

Sample Quantity : 1L

Sample Drawn by : Customer

Sample Condition : Received In Good Condition

## TEST RESULT

| Sl No                      | PARAMETERS     | UNIT | RESULTS       | ACCEPTABLE<br>LIMIT AS PER IS<br>10500 - 2012 RA 2023 | TEST METHOD            |
|----------------------------|----------------|------|---------------|---|------------------------|
| <b>CHEMICAL PARAMETERS</b> |                |      |               |   |                        |
| 1                          | Chloride       | mg/L | 16.11         | Max 250   | IS: 3025 Part 32; 1988 |
| 2                          | Sulphate       | mg/L | 132.15        | Max 200   | IS: 3025 Part 24; 2022 |
| 3                          | Alkalinity     | mg/L | 168.18        | Max 200   | IS: 3025 Part 23; 2023 |
| 4                          | Total Hardness | mg/L | 327.89        | Max 200   | IS: 3025 Part 21; 2009 |
| 5                          | Calcium        | mg/L | 97.35         | Max 75  | IS: 3025 Part 40; 2024 |
| 6                          | Magnesium      | mg/L | 20.66         | Max 30  | IS: 3025 Part 46; 2023 |
| 7                          | Iron           | mg/L | 3.39          | Max 1   | IS: 3025 Part 53; 2024 |
| 8                          | Nitrate        | mg/L | BDL (BDL-0.1) | Max 45  | APHA 24th Edn; 2023    |

Remarks: Total Hardness, Calcium and Iron are not within the limits.

ND : Not Detected  
BDL : Below Detection Limit

No of Parameters Tested: 8

\*\*\*\*\*End of the Report\*\*\*\*\*

For Bright Water Laboratory (OPC) Pvt.Ltd

*Anitta Sunny*  
ANITTA SUNNY  
Sr. Technologist  
Authorized Signatory

Note : The test results are valid only for the sample provided and this report shall not be reproduced except in full, without the written approval of the laboratory.

Disclaimer: The laboratory has not been responsible for the sampling process, and the results apply only to the sample as received. Any inaccuracies in sample collection, transportation, or customer-provided information may affect the validity of the results.



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Date of analysis : 13-May-2025 to 17-May-2025

Sample ID : Nil

Type of sample : Bore well

Sample Quantity : 1L

Sample Drawn by : Customer

Sample Condition : Received In Good Condition

## TEST RESULT

| Sl No                       | PARAMETERS              | UNIT            | RESULTS   | ACCEPTABLE LIMIT AS PER IS 10500 - 2012 RA 2023 | TEST METHOD            |
|-----------------------------|-------------------------|-----------------|-----------|---|------------------------|
| <b>PHYSICAL PARAMETER</b>   |                         |                 |           |   |                        |
| 1                           | pH                      | -               | 7.14      | 6.5 - 8.5                                       | IS: 3025 Part 11; 2022 |
| 2                           | Colour                  | Hazen Unit      | 2         | 5   | -                      |
| 3                           | Odour                   | -               | Agreeable | Agreeable                                       | -                      |
| 4                           | Turbidity               | NTU             | 1         | 1   | IS: 3025 Part 10; 2024 |
| 5                           | Total Dissolved Solids  | mg/L            | 371.0     | Max 500   | IS: 3025 Part 16; 2023 |
| 6                           | Electrical Conductivity | µS/cm           | 653.0     | No Limit  | IS: 3025 Part 14; 2023 |
| <b>BACTERIOLOGICAL TEST</b> |                         |                 |           |   |                        |
| 7                           | Coliform                | Coliform/100 ml | Absent    | Absent  | IS: 15185; 2021        |
| 8                           | E.coli                  | E.coli/100 ml   | Absent    | Absent  | IS: 15185; 2021        |

Remarks: Satisfactory.

ND : Not Detected  
BDL : Below Detection Limit  
TNTC: Too Numerous to Count

No of Parameters Tested: 8  
\*\*\*\*\*End of the Report \*\*\*\*\*

For Bright Water Laboratory (OPC) Pvt.Ltd

  
**ANITTA SUNNY**  
Authorised Signatory  
S. Technician

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Test Report No : BWL/TR/B732

ULR NO :TC153252500000560F

Date Of Issue : 17-May-2025

Customer provided details

Customer Name : SARASWATHY VIDYANIKETHAN CENTRAL SCHOOL

Customer Address : Perambra

Phone No : 90483 83804

Date Of Sample Received : 13-May-2025

Date of analysis : 13-May-2025 to 17-May-2025

Sample ID : Nil

Type of sample : Well water

Sample Quantity : 1L

Sample Drawn by : Customer

Sample Condition : Received In Good Condition

## TEST RESULT

| Sl No                      | PARAMETERS     | UNIT | RESULTS | ACCEPTABLE LIMIT AS PER IS 10500 - 2012 RA 2023 | TEST METHOD            |
|----------------------------|----------------|------|---------|---|------------------------|
| <b>CHEMICAL PARAMETERS</b> |                |      |         |   |                        |
| 1                          | Chloride       | mg/L | 17.12   | Max 250   | IS: 3025 Part 32; 1988 |
| 2                          | Sulphate       | mg/L | 130.51  | Max 200   | IS: 3025 Part 24; 2022 |
| 3                          | Alkalinity     | mg/L | 162.75  | Max 200   | IS: 3025 Part 23; 2023 |
| 4                          | Total Hardness | mg/L | 307.65  | Max 200   | IS: 3025 Part 21; 2009 |
| 5                          | Calcium        | mg/L | 94.10   | Max 75  | IS: 3025 Part 40; 2024 |
| 6                          | Magnesium      | mg/L | 17.71   | Max 30  | IS: 3025 Part 46; 2023 |
| 7                          | Iron           | mg/L | 0.13    | Max 1   | IS: 3025 Part 53; 2024 |
| 8                          | Nitrate        | mg/L | 0.37    | Max 45  | APHA 24th Edn; 2023    |

Remarks: Total Hardness and Calcium are not within the limits.

ND : Not Detected  
BDL : Below Detection Limit

No of Parameters Tested: 8

\*\*\*\*\*End of the Report\*\*\*\*\*

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Sr. Technologist  
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|-----------------------------|-------------------------|-----------------|------------|---|------------------------|
| <b>PHYSICAL PARAMETER</b>   |                         |                 |            |   |                        |
| 1                           | pH                      | -               | 7.63       | 6.5 - 8.5                                       | IS: 3025 Part 11; 2022 |
| 2                           | Colour                  | Hazen Unit      | Colourless | 5   | -                      |
| 3                           | Odour                   | -               | Agreeable  | Agreeable                                       | -                      |
| 4                           | Turbidity               | NTU             | 0.05       | 1   | IS: 3025 Part 10; 2024 |
| 5                           | Total Dissolved Solids  | mg/L            | 349.0      | Max 500   | IS: 3025 Part 16; 2023 |
| 6                           | Electrical Conductivity | µS/cm           | 615.0      | No Limit  | IS: 3025 Part 14; 2023 |
| <b>BACTERIOLOGICAL TEST</b> |                         |                 |            |   |                        |
| 7                           | Coliform                | Coliform/100 ml | Absent     | Absent  | IS: 15185; 2021        |
| 8                           | E.coli                  | E.coli/100 ml   | Absent     | Absent  | IS: 15185; 2021        |

Remarks: Satisfactory.

ND : Not Detected  
BDL : Below Detection Limit  
TNTC: Too Numerous to Count

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