



STATE LEVEL WATER TESTING LABORATORY  
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD  
NO 31, 4<sup>th</sup> FLOOR, TWAD HOUSE, KAMARAJAR SALAI,  
CHEPAUK, CHENNAI – 600005.

Phone: 044 - 28412098

E-mail: twadboardcwa2024@gmail.com



TC-15754

TEST REPORT

Doc. No.: SLWTL/FORM/7.8/01

|                 |                              |                   |                                    |                     |
|-----------------|------------------------------|-------------------|------------------------------------|---------------------|
| Report No.      | TR/2026/287-01               | Report Issue Date | 22.07.2026                         | Page No. : 01 of 01 |
| Invoice Details | 3796/dt.17.07.2026/Rs.1180/- | ULR. No.          | TC 1 5 7 5 4 2 6 0 0 0 0 0 2 3 0 F |                     |

|                             |   |                                                                         |                             |              |
|-----------------------------|---|-------------------------------------------------------------------------|-----------------------------|--------------|
| Client Name & Address       | : | Sri Chaitanya Techno School,                                            |                             |              |
| Contact No. / Email.ID      | : | No:72, Rajiv Gandhi Street, Thiruvancheri,<br>Selaiyur, Chennai-600126. |                             |              |
| Sample Name                 | : | Water – Drinking Water                                                  |                             |              |
| Sample / Lab No.            | : | 2026/287                                                                |                             |              |
| Sample Source               | : | Open Well Water (RO)                                                    |                             |              |
| Sample Description          | : | Clear Colorless Liquid                                                  |                             |              |
| Sample Submitted by         | : | Customer                                                                |                             |              |
| Location & Date             | : | In the School premises, Selaiyur, Chennai-126/dt.17.07.2026/12.00 PM    |                             |              |
| Sample Container            | : | Plastic – Good Condition                                                |                             |              |
| Quantity of sample Received | : | 2Litres                                                                 | Sample Condition on Receipt | : Good       |
| Sample Received on          | : | 17.07.2026                                                              | Environmental Condition     | : 25.9°C     |
| Test Commenced on           | : | 17.07.2026                                                              | Test Completed on           | : 22.07.2026 |

| S. No. | Parameters                            | Test Method                      | Unit  | Result      | Specification as per IS 10500: 2012(RA:2023) |                                                      |
|--------|---------------------------------------|----------------------------------|-------|-------------|----------------------------------------------|------------------------------------------------------|
|        |                                       |                                  |       |             | Acceptable Limit                             | Permissible Limit in the absence of alternate source |
| 1      | Colour                                | IS 3025: Part 4: 2021            | Hazen | BDL(DL=2)   | 5                                            | 15                                                   |
| 2      | Odour                                 | IS 3025: Part 5: 2018            | --    | Agreeable   | Agreeable                                    | Agreeable                                            |
| 3      | Taste                                 | IS 3025: Part 8: 2023            | --    | Agreeable   | Agreeable                                    | Agreeable                                            |
| 4      | Turbidity                             | IS 3025: Part 10: 2023           | NTU   | BDL(DL=0.5) | 1                                            | 5                                                    |
| 5      | pH @ 25°C                             | IS 3025: Part 11: 2022           | --    | 6.33        | 6.5-8.5                                      | No Relaxation                                        |
| 6      | EC @ 25°C                             | IS 3025: Part 14: 2013           | µS/cm | 37          | --                                           | --                                                   |
| 7      | Total Dissolved Solids                | IS 3025: Part 16: 2023           | mg/L  | 25          | 500                                          | 2000                                                 |
| 8      | Total Alkalinity as CaCO <sub>3</sub> | IS 3025: Part 23: 2023           | mg/L  | 6           | 200                                          | 600                                                  |
| 9      | Total Hardness as CaCO <sub>3</sub>   | IS 3025: Part 21: 2009 (RA 2023) | mg/L  | 7           | 200                                          | 600                                                  |
| 10     | Calcium-as Ca                         | IS 3025: Part 40: 2024           | mg/L  | 2           | 75                                           | 200                                                  |
| 11     | Magnesium as Mg                       | IS 3025: Part 46: 2023           | mg/L  | BDL(DL=2)   | 30                                           | 100                                                  |
| 12     | Iron as Fe                            | IS 3025: Part 53: 2024           | mg/L  | BDL(DL=0.1) | 1.0                                          | No Relaxation                                        |
| 13     | Chloride as Cl                        | IS 3025: Part 32: 2025           | mg/L  | 8           | 250                                          | 1000                                                 |
| 14     | Nitrate as NO <sub>3</sub>            | IS 3025: (Part 34/Sec-1): 2023   | mg/L  | BDL(DL=2)   | 45                                           | No Relaxation                                        |
| 15     | Fluoride as F                         | IS 3025: (Part 60/Sec-1): 2023   | mg/L  | BDL(DL=0.2) | 1.0                                          | 1.5                                                  |
| 16     | Sulphate as SO <sub>4</sub>           | IS 3025: (Part 24/Sec 1): 2022   | mg/L  | BDL(DL=5)   | 200                                          | 400                                                  |

Remark: The tested sample does not conform to IS: 10500:2012 (RA: 2023) Drinking water Acceptable Limit / Permissible Limit specification with respect to above tested parameters of Chemical.

Thiruvancheri, Selaiyur, Chennai - 600126  
Ph: 72079 98386 / 72079 98387

Note: 1. The test results relate only to the items tested.

2. The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.

3. The test items will not be retained for more than 15 days from the date of issue of the test report.

4. The result applied to the sample as received basis.

5. BDL: Below Detection Limit; DL: Detection Limit; NT: Not Tested (Bacteriologically Unsafe).

Authorised Signatory

K. Rengaraj - Assistant Water Analyst

MANAGER

Chief Water Analyst

TWAD Board, Chennai-5.

.....End of the Report.....

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| Issue No./ Date | 01/01.07.2024 | Amend. No. / Date | 01/01.04.2026- | Page No. | 01 of 01 |
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TEST REPORT

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| Report No.      | TR/2026/287-02               | Report Issue Date | 22.07.2026 | Page No. : 01 of 01 |
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| Client Name & Address<br>Contact No. / Email.ID | :                                                       | Sri Chaitanya Techno School,<br>No:72, Rajiv Gandhi Street, Thiruvancheri,<br>Selaipur, Chennai-600126. |                             |               |                                                 |                                                      |
|-------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------|---------------|-------------------------------------------------|------------------------------------------------------|
| Sample Name                                     | :                                                       | Water -- Drinking Water                                                                                 |                             |               |                                                 |                                                      |
| Sample / Lab No.                                | :                                                       | 2026/287                                                                                                |                             |               |                                                 |                                                      |
| Sample Source                                   | :                                                       | Open Well Water (RO)                                                                                    |                             |               |                                                 |                                                      |
| Sample Description                              | :                                                       | Clear Colorless Liquid                                                                                  |                             |               |                                                 |                                                      |
| Sample Submitted by                             | :                                                       | Customer                                                                                                |                             |               |                                                 |                                                      |
| Location & Date                                 | :                                                       | In the School premises, Selaipur, Chennai-126/dt.17.07.2026/12.00 PM                                    |                             |               |                                                 |                                                      |
| Sample Container                                | :                                                       | Plastic -- Good Condition                                                                               |                             |               |                                                 |                                                      |
| Quantity of sample Received                     | :                                                       | 2 Litres                                                                                                | Sample Condition on Receipt | :             | Good                                            |                                                      |
| Sample Received on                              | :                                                       | 17.07.2026                                                                                              | Environmental Condition     | :             | 25.9°C                                          |                                                      |
| Test Commenced on                               | :                                                       | 17.07.2026                                                                                              | Test Completed on           | :             | 22.07.2026                                      |                                                      |
| S. No.                                          | Parameters                                              | Test Method                                                                                             | Unit                        | Result        | Specification as per<br>IS 10500: 2012(RA:2023) |                                                      |
|                                                 |                                                         |                                                                                                         |                             |               | Acceptable Limit                                | Permissible Limit in the absence of alternate source |
| 1                                               | P. Alkalinity as CaCO <sub>3</sub>                      | IS 3025: Part 23: 2023                                                                                  | mg/L                        | Zero          | --                                              | --                                                   |
| 2                                               | Sodium as Na                                            | IS 3025 (Part 45) : 1993                                                                                | mg/L                        | 5             | --                                              | --                                                   |
| 3                                               | Potassium as K                                          | IS 3025 (Part 45) : 1993                                                                                | mg/L                        | BDL(DL=2)     | --                                              | --                                                   |
| 4                                               | Manganese as Mn                                         | IS 3025 (Part 59) : 2023                                                                                | mg/L                        | BDL(DL=0.05)  | 0.1                                             | 0.3                                                  |
| 5                                               | Ammonia as NH <sub>3</sub> - N                          | IS 3025 (Part 34) : 2019                                                                                | mg/L                        | 0.06          | 0.5                                             | No relaxation                                        |
| 6                                               | Nitrite as NO <sub>2</sub>                              | IS 3025 (Part 34/Sec-1) : 2023                                                                          | mg/L                        | BDL(DL=0.005) | --                                              | --                                                   |
| 7                                               | Phosphate as PO <sub>4</sub>                            | IS 3025 (Part 31/Sec-1) : 2022                                                                          | mg/L                        | 0.03          | --                                              | --                                                   |
| 8                                               | Oxygen Demand<br>(Tidy's Test) 4 hrs. as O <sub>2</sub> | IS 3025 (Part 63) : 2007                                                                                | mg/L                        | 0.08          | --                                              | --                                                   |

Remark: The tested sample conform to IS: 10500:2012 (RA: 2023) Drinking water Acceptable Limit / Permissible Limit specification with respect to above tested parameters of Chemical.

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Authorised Signatory

K. Rengaraj - Assistant Water Analyst

SREE MURAGAN EDUCATIONAL TRUST

B. Ravikumar

MANAGER

Chief Water Analyst  
TWAD Board, Chennai-5.

.....End of the Report.....

Sri Chaitanya Techno School  
No 72 Rajiv Gandhi Street,  
Thiruvancheri, Selaipur, Chennai - 600126  
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PRINCIPAL

|                 |               |                  |      |          |          |
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