### TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

### STATE LEVEL WATER TESTING LABORATORY

31, Kamarajar Salai, Chepauk, Chennai - 600 005

Phone: 044 - 28412098 E-mail: twadboardcwa@gmail.com

### **Test Report**

| emple Receipt No/Date :  |                              | 2476/Dt.06.03.2024  |                  |  |
|--------------------------|------------------------------|---|------------------|--|
| voice Details :          |                              | 3033/Dt.06.03.2024/ Amt-Rs.2360/-   |                  |  |
| ustomer Name and Address |                              | Sri Chaitanya Techno School,<br>Survey No: 476 / 3B, Padur Village,<br>Thiruporur Taluk, Chengalpattu District, |                  |  |
| Test Commenced on :      |                              | 06.03.2024  |                  |  |
| Test Completed on :      |                              | 07.03.2024  |                  |  |
| Test Report Date :       |                              | 12.03.2024  |                  |  |
|                          | SAMPLE DETAILS               | FURNISHED BY CUSTOMER   |                  |  |
| Source :                 |                              | RO  |                  |  |
| Location :               |                              | Sri Chaitanya Techno School, Padur  |                  |  |
| Sample                   | e drawn by/Date :            | Customer / 06.03.2024   |                  |  |
| Quanti                   | ty Received :                | 250 ml  |                  |  |
| Sample                   | e container :                | Plastic   |                  |  |
| Condit                   | ion of the sample :          | Good Condition  |                  |  |
|                          | The test result of s         | sample received is as follows   |                  |  |
| SI.                      | DAGTEDYOLOGYCAL EVAMINATION  | Sample No. 5934 Result  | BIS 10500 - 2012 |  |
| No.                      | BACTERIOLOGICAL EXAMINATION  |   | Max limit        |  |
| 1                        | Standard plate count CFU/1ml | 0   | 500 Organisms/ml |  |
| 2                        | Total coliform CFU/100ml     | 0   | Nil/100 ml       |  |
| 3                        | Fecal coliform CFU/100ml     | 0   | Nil/100 ml       |  |
|                          | 1                            |   |                  |  |

PRINCES EN CHAITANYA TECHNO SCHOOL PADUR, CHENNAI - 603,103

Reviewed by

K. Rengaraj - Assistant Water Analyst.

The test results relate only to the items tested.

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

I tinless informed by customer, the test items will not be retained for more than 15 days from the date of issue of the test report.

The result applied to the sample as received basis. 01/01.07.2022 Page No Amend. No/ Date 01/01.04.2021

Authorised Signatory Dr.V. Gopal - Chief Water Analyst.

# TAMILNADU WATER SUPPLY AND DRAINAGE BOARD



# STATE LEVEL WATER TESTING LABORATORY

31, Kamarajar Salai, Chepauk, Chennai - 600 005

Phone: 044 - 28412098 E-mail: twadboardcwa@gmail.com

### **Test Report**

| Sample Receipt No/Date :   |   | 2476/Dt.06.03.2024<br>3033/Dt.06.03.2024/ Amt-Rs.2360/-   |  |  |  |  |
|--|---|---|--|--|--|--|
|  | e Details :   |   | The second secon |  |  |  |
| Customer Name and Address:   |   | Sri Chaitanya Techno School,<br>Survey No: 476 / 3B, Padur Village,<br>Thiruporur Taluk, Chengalpattu District,<br>Tamilnadu - 603103   |  |  |  |  |
| Test Commenced on :  |   | 06.03.2024  |  |  |  |  |
| Test Completed on :  |   | 07.03.2024  |  |  |  |  |
|  |   | 12.03.2024  |  |  |  |  |
| Test R   | Report Date : SAMPI   | LE DETAILS FURNISHED BY CUSTOMER  |  |  |  |  |
|  |   | RO RO   |  |  |  |  |
| Source :   |   |   |  |  |  |  |
| Location:  |   | Sri Chaitanya Techno School, Padur  |  |  |  |  |
| Sample drawn by/Date :   |   | Customer / 06.03.2024   |  |  |  |  |
| Quantity Received :  |   | 2 litres  |  |  |  |  |
| Quantity Received:<br>Sample container :   |   | Plastic   |  |  |  |  |
| Condition of the sample :  |   | Good Condition  |  |  |  |  |
| Anna   | arance, Colour, Odour :   | Clear / Colourless / Agreeable  |  |  |  |  |
| Appe   | The I   | test result of sample received is as follows.   |  |  |  |  |
| SI.  | I. PHYSICAL EXAMINATION   | Method of Testing   | Sample No.   | IS 10500 :<br>2012<br>Permissible<br>limit in the  |  |  |
| No.  |   |   | 5933   | absence of<br>alternate  |  |  |
|  | Turbidity NT Units  | IS 3025 (Part 10) : 2023  | 0.0  | absence of   |  |  |
|  |   | ,   |  | absence of<br>alternate<br>source  |  |  |
| 1  | Turbidity NT Units  | IS 3025 (Part 10) : 2023  | 0.0  | absence of<br>alternate<br>source<br>5   |  |  |
| 1 2  | Turbidity NT Units Total dissolved Solids mg/L Electrical Conductivity  | IS 3025 (Part 10): 2023 IS 3025 (Part 16): 2023   | 0.0  | absence of<br>alternate<br>source<br>5   |  |  |
| 1 2  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity  Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C   | IS 3025 (Part 10): 2023 IS 3025 (Part 16): 2023   | 0.0  | absence of<br>alternate<br>source<br>5   |  |  |
| 1 2 3  | Turbidity NT Units Total dissolved Solids mg/L Electrical Conductivity Micro mho/cm II.CHEMICAL EXAMINATION   | IS 3025 (Part 10) : 2023 IS 3025 (Part 16) : 2023 APHA 23 <sup>rd</sup> Edition 2017 - 2510 B   | 0.0<br>25<br>35  | absence of<br>alternate<br>source<br>5<br>2000   |  |  |
| 1<br>2<br>3  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L   | IS 3025 (Part 10): 2023 IS 3025 (Part 16): 2023 APHA 23 <sup>rd</sup> Edition 2017 – 2510 B IS 3025 (Part 11): 2022   | 0.0<br>25<br>35  | absence of<br>alternate<br>source<br>5<br>2000   |  |  |
| 1<br>2<br>3<br>4<br>5  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  | IS 3025 (Part 10): 2023 IS 3025 (Part 16): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022 IS 3025 (Part 23): 1983 - Reaffirmed 2014   | 0.0<br>25<br>35<br>6.80<br>0   | absence of alternate source 5 2000 - 6.5-8.5   |  |  |
| 1<br>2<br>3<br>4<br>5<br>6   | Turbidity NT Units Total dissolved Solids mg/L Electrical Conductivity Micro mho/cm II.CHEMICAL EXAMINATION pH at 25°C Ph. Alkalinity as CaCO <sub>3</sub> mg/L Total Alkalinity. as CaCO <sub>3</sub> mg/L Total Hardness as CaCO <sub>3</sub> mg/L  | IS 3025 (Part 10): 2023 IS 3025 (Part 16): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022 IS 3025 (Part 23): 1983 - Reaffirmed 2014 IS 3025 (Part 23): 2023   | 0.0<br>25<br>35<br>6.80<br>0   | absence of alternate source 5 2000 - 6.5-8.5 - 600   |  |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L   | IS 3025 (Part 10): 2023 IS 3025 (Part 16): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022 IS 3025 (Part 23): 1983 - Reaffirmed 2014 IS 3025 (Part 23): 2023 IS 3025 (Part 21): 2009 - Reaffirmed 2019   | 0.0<br>25<br>35<br>6.80<br>0<br>9  | absence of alternate source 5 2000 - 6.5-8.5 - 600 600                                     |  |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  O Sodium as Na mg/L  | IS 3025 (Part 10): 2023 IS 3025 (Part 16): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022 IS 3025 (Part 23): 1983 - Reaffirmed 2014 IS 3025 (Part 23): 2023 IS 3025 (Part 21): 2009 - Reaffirmed 2019 IS 3025 (Part 40): 2019 - Reaffirmed 2019 IS 3025 (Part 46): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Na B   | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1   | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200                                 |  |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  O Sodium as Na mg/L  I Potassium as K mg/L   | IS 3025 (Part 10): 2023  IS 3025 (Part 16): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022  IS 3025 (Part 23): 1983 - Reaffirmed 2014  IS 3025 (Part 23): 2023  IS 3025 (Part 21): 2009 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 46): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Na B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 K B  | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1<br>0<br>0<br>7  | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200 100                             |  |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>2  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  O Sodium as Na mg/L  | IS 3025 (Part 10): 2023  IS 3025 (Part 16): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022  IS 3025 (Part 23): 1983 - Reaffirmed 2014  IS 3025 (Part 23): 2023  IS 3025 (Part 21): 2009 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 40): 2017 - 3500 Na B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 KB  APHA 23 <sup>rd</sup> Edition 2017 – 3500 KB  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B   | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1<br>0<br>0<br>7  | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200 100 - 1.0                       |  |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  O Sodium as Na mg/L  I Potassium as K mg/L  I Potassium as K mg/L  Manganese as Mn mg/L  Free Ammonia as NH <sub>3</sub> mg/L  | IS 3025 (Part 10): 2023  IS 3025 (Part 16): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022  IS 3025 (Part 23): 1983 - Reaffirmed 2014  IS 3025 (Part 23): 2023  IS 3025 (Part 23): 2009 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 46): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Na B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Mn B  APHA 17 <sup>th</sup> Edition-1989 – 4500 NH <sub>3</sub> C  | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1<br>0<br>0<br>7  | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200 100                             |  |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>1<br>1<br>1<br>1<br>1<br>2<br>1<br>3<br>1<br>1<br>4<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1      | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  Potassium as K mg/L  I Potassium as K mg/L  I Iron as Fe mg/L  Manganese as Mn mg/L  Free Ammonia as NH <sub>3</sub> mg/L  Nitrite as NO <sub>2</sub> mg/L   | IS 3025 (Part 10): 2023  IS 3025 (Part 16): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022  IS 3025 (Part 23): 1983 - Reaffirmed 2014  IS 3025 (Part 23): 2023  IS 3025 (Part 23): 2023  IS 3025 (Part 21): 2009 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 46): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Na B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Mn B  APHA 17 <sup>th</sup> Edition-1989 – 4500 NH <sub>3</sub> C  APHA 23 <sup>rd</sup> Edition 2017 – 4500 -NO <sub>2</sub> B   | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1<br>0<br>7<br>1<br>0.00  | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200 100 - 1.0 0.3                   |  |  |
| 1<br>2<br>3<br>5<br>6<br>7<br>8<br>9<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1   | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  I Potassium as K mg/L  I Potassium as K mg/L  I Iron as Fe mg/L  Manganese as Mn mg/L  Free Ammonia as NH <sub>3</sub> mg/L  Nitrite as NO <sub>2</sub> mg/L  Nitrate as NO <sub>3</sub> mg/L                      | IS 3025 (Part 10): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022  IS 3025 (Part 23): 1983 - Reaffirmed 2014  IS 3025 (Part 23): 2023  IS 3025 (Part 23): 2023  IS 3025 (Part 21): 2009 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 46): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Na B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Mn B  APHA 17 <sup>th</sup> Edition 1989 – 4500 NH <sub>3</sub> C  APHA 23 <sup>rd</sup> Edition 2017 – 4500 -NO <sub>2</sub> B  APHA (24th Edition) – 4500-NO <sub>3</sub> B: 2012   | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1<br>0<br>0<br>7<br>1<br>0.00<br>0<br>0<br>0<br>0<br>1  | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200 100 - 1.0 0.3 0.5 - 45          |  |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>1<br>1<br>1<br>1<br>2<br>1<br>3<br>1<br>4<br>1<br>5<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  Potassium as K mg/L  I Potassium as K mg/L  I Iron as Fe mg/L  Manganese as Mn mg/L  Free Ammonia as NH <sub>3</sub> mg/L  Nitrite as NO <sub>2</sub> mg/L  Nitrate as NO <sub>3</sub> mg/L  Chloride as Cl mg/L   | IS 3025 (Part 10): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022  IS 3025 (Part 23): 1983 - Reaffirmed 2014  IS 3025 (Part 23): 2023  IS 3025 (Part 23): 2009 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 46): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Na B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 K B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Mn B  APHA 17 <sup>th</sup> Edition 1989 – 4500 NH <sub>3</sub> C  APHA 23 <sup>rd</sup> Edition 2017 – 4500 - NO <sub>2</sub> B  APHA (24th Edition) – 4500-NO <sub>3</sub> B: 2012  IS 3025 (Part 32) - 2009 - Reaffirmed 2019                              | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1<br>0<br>0<br>7<br>1<br>0.00<br>0<br>0<br>0<br>0<br>1<br>0<br>0<br>0<br>1<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200 100 - 1.0 0.3 0.5 - 45 1000     |  |  |
| 1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 F  | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  I Potassium as M mg/L  I Potassium as K mg/L  I Iron as Fe mg/L  Manganese as Mn mg/L  Free Ammonia as NH <sub>3</sub> mg/L  Nitrite as NO <sub>2</sub> mg/L  Nitrate as NO <sub>3</sub> mg/L  Chloride as Cl mg/L | IS 3025 (Part 10): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022  IS 3025 (Part 23): 1983 - Reaffirmed 2014  IS 3025 (Part 23): 2023  IS 3025 (Part 23): 2009 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 46): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Na B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 K B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Mn B  APHA 17 <sup>th</sup> Edition 1989 – 4500 NH <sub>3</sub> C  APHA 23 <sup>rd</sup> Edition 2017 – 4500 - NO <sub>2</sub> B  APHA (24th Edition) – 4500-NO <sub>3</sub> B: 2012  IS 3025 (Part 32) - 2009 - Reaffirmed 2019                              | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1<br>0<br>0<br>7<br>1<br>0.00<br>0<br>0.00<br>0<br>0.00<br>0.00<br>1<br>6<br>0.00   | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200 100 - 1.0 0.3 0.5 - 45 1000 1.5 |  |  |
| 1 2 3 4 5 6 7 8 8 9 11 12 13 14 15 16 17 18   F 19   S   | Turbidity NT Units  Total dissolved Solids mg/L  Electrical Conductivity Micro mho/cm  II.CHEMICAL EXAMINATION  pH at 25°C  Ph. Alkalinity as CaCO <sub>3</sub> mg/L  Total Alkalinity. as CaCO <sub>3</sub> mg/L  Total Hardness as CaCO <sub>3</sub> mg/L  Calcium as Ca mg/L  Magnesium as Mg mg/L  Potassium as K mg/L  I Potassium as K mg/L  I Iron as Fe mg/L  Manganese as Mn mg/L  Free Ammonia as NH <sub>3</sub> mg/L  Nitrite as NO <sub>2</sub> mg/L  Nitrate as NO <sub>3</sub> mg/L  Chloride as Cl mg/L   | IS 3025 (Part 10): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 2510 B  IS 3025 (Part 11): 2022  IS 3025 (Part 23): 1983 - Reaffirmed 2014  IS 3025 (Part 23): 2023  IS 3025 (Part 23): 2023  IS 3025 (Part 21): 2009 - Reaffirmed 2019  IS 3025 (Part 40): 2019 - Reaffirmed 2019  IS 3025 (Part 46): 2023  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Na B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 K B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Fe B  APHA 23 <sup>rd</sup> Edition 2017 – 3500 Mn B  APHA 17 <sup>th</sup> Edition 2017 – 3500 Mn B  APHA 17 <sup>th</sup> Edition 2017 – 3500 Nh <sub>3</sub> C  APHA 23 <sup>rd</sup> Edition 2017 – 4500 -NO <sub>2</sub> B  APHA (24th Edition) – 4500-NO <sub>3</sub> B: 2012  IS 3025 (Part 32) - 2009 - Reaffirmed 2019 | 0.0<br>25<br>35<br>6.80<br>0<br>9<br>1<br>0<br>0<br>7<br>1<br>0.00<br>0<br>0<br>0<br>0<br>1<br>0<br>0<br>0<br>1<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | absence of alternate source 5 2000 - 6.5-8.5 - 600 600 200 100 - 1.0 0.3 0.5 - 45 1000     |  |  |

SRI CHAITANYA TECHNÓ SCHOOL PADUR, CHENNAJ - 603 1103 vater Analyst.

hay'l

GERAuthorised Signatory

Dr.V. Gopal - Chief Water Analyst.

#### Note.

1 The test results relate only to the items tested.

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1. The result applied to the sample as received basis

Issue No. Date 04-01.04.2021 Amend. No. Date 01-01.07.2022 Page No. 1 of