



# 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		
Invoice Details :	3033/Dt.06.03.2024/ Amt-Rs.2360/-		
Customer Name and Address	Sri Chaitanya Techno School, Survey No: 476 / 3B, Padur Village, Thiruporur Taluk, Chengalpattu District,		
Test Commenced on :	06.03.2024		
Test Completed on :	07.03.2024		
Test Report Date :	12.03.2024		
<b>SAMPLE DETAILS FURNISHED BY CUSTOMER</b>			
Source :	RO		
Location :	Sri Chaitanya Techno School, Padur		
Sample drawn by/Date :	Customer / 06.03.2024		
Quantity Received :	250 ml		
Sample container :	Plastic		
Condition of the sample :	Good Condition		
<b>The test result of sample received is as follows.</b>			
Sl. No.	BACTERIOLOGICAL EXAMINATION	Sample No. 5934 Result	BIS 10500 - 2012 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
4	Fecal Streptococcus CFU/100ml		Nil/100 ml

Report: 5934-The Water Sample meet the requirement of BIS 10500:2012 with respect to the parameters tested.

**PRINCIPAL**  
SRI CHAITANYA TECHNO SCHOOL  
PADUR, CHENNAI - 603 103

Reviewed by  
K. Rengaraj - Assistant Water Analyst.

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 Unless informed by customer, 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.

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



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Customer Name and Address :	Sri Chaitanya Techno School, Survey No: 476 / 3B, Padur Village, Thiruporur Taluk, Chengalpattu District, Tamilnadu - 603103
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 drawn by/Date :	Customer / 06.03.2024
Quantity Received :	2 litres
Sample container :	Plastic
Condition of the sample :	Good Condition
Appearance, Colour, Odour :	Clear / Colourless / Agreeable

The test result of sample received is as follows.

Sl. No.	I. PHYSICAL EXAMINATION	Method of Testing	Sample No. 5933	IS 10500 : 2012 Permissible limit in the absence of alternate source
1	Turbidity NT Units	IS 3025 (Part 10) : 2023	0.0	5
2	Total dissolved Solids mg/L	IS 3025 (Part 16) : 2023	25	2000
3	Electrical Conductivity Micro mho/cm	APHA 23 <sup>rd</sup> Edition 2017 - 2510 B	35	-
II. CHEMICAL EXAMINATION				
4	pH at 25°C	IS 3025 (Part 11) : 2022	6.80	6.5-8.5
5	Ph. Alkalinity as CaCO <sub>3</sub> mg/L	IS 3025 (Part 23) : 1983 - Reaffirmed 2014	0	-
6	Total Alkalinity. as CaCO <sub>3</sub> mg/L	IS 3025 (Part 23) : 2023	9	600
7	Total Hardness as CaCO <sub>3</sub> mg/L	IS 3025 (Part 21) : 2009 - Reaffirmed 2019	1	600
8	Calcium as Ca mg/L	IS 3025 (Part 40) : 2019 - Reaffirmed 2019	0	200
9	Magnesium as Mg mg/L	IS 3025 (Part 46) : 2023	0	100
10	Sodium as Na mg/L	APHA 23 <sup>rd</sup> Edition 2017 - 3500 Na B	7	-
11	Potassium as K mg/L	APHA 23 <sup>rd</sup> Edition 2017 - 3500 K B	1	-
12	Iron as Fe mg/L	APHA 23 <sup>rd</sup> Edition 2017 - 3500 Fe B	0.00	1.0
13	Manganese as Mn mg/L	APHA 23 <sup>rd</sup> Edition 2017 - 3500 Mn B	0	0.3
14	Free Ammonia as NH <sub>3</sub> mg/L	APHA 17 <sup>th</sup> Edition-1989 - 4500 NH <sub>3</sub> C	0.00	0.5
15	Nitrite as NO <sub>2</sub> mg/L	APHA 23 <sup>rd</sup> Edition 2017 - 4500 -NO <sub>2</sub> B	0.00	-
16	Nitrate as NO <sub>3</sub> mg/L	APHA (24th Edition) - 4500-NO <sub>3</sub> B : 2012	<1	45
17	Chloride as Cl mg/L	IS 3025 (Part 32) - 2009 - Reaffirmed 2019	6	1000
18	Fluoride as F mg/L	APHA (24th Edition) - 4500 - F - D : 2012	<0.1	1.5
19	Sulphate as SO <sub>4</sub> mg/L	IS 3025 (Part 24/Sec 1) : 2022	<10	400
20	Phosphate as PO <sub>4</sub> mg/L	APHA 23rd Edition 2017 - 4500 P-D	0.00	-
21	Tidy's Test 4 hrs.as O <sub>2</sub> mg/L	APHA 23 <sup>rd</sup> Edition 2017 - 4500 O - B	0.17	-

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PADUR, CHENNAI - 603103

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