



STATE LEVEL WATER TESTING LABORATORY
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
NO 31, 4th FLOOR, TWAD HOUSE, KAMARAJAR SALAI,
CHEPAUK, CHENNAI – 600 005.

Phone: 044 - 28412098

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TEST REPORT

Doc. No: SLWTL/FORM/7.8/01

Report No.	TR/2025/225-02	Report Issue Date	13.05.2025	Page No. : 01 of 01
Invoice Details	3435/dt.06.05.2025/ Rs.2360	ULR. No.	--	

Client Name & Address Contact No. / Email.ID	: Sri Chaitanya Techno School, EVP Park Avenue, 2 nd Street, Survey No: 10/1b & 11/2, Iyyappanthangal, Kanchipuram, Chennai-600056.
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Sample Name	:	Water – Drinking Water			
Sample / Lab No.	:	2025/225			
Sample Source	:	R.O Water			
Sample Description	:	Clear Colorless Liquid			
Sample Submitted by	:	Customer			
Location & Date	:	Iyyappanthangal/dt.06.05.2025 /12.00 PM			
Sample Container	:	Plastic – Good Condition			
Quantity of sample Received	:	2 Litres/500ml	Sample Condition on Receipt	:	Good
Sample Received on	:	06.05.2025	Environmental Condition	:	25.6°C
Test Commenced on	:	06.05.2025	Test Completed on	:	12.05.2025

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	P. Alkalinity as CaCO ₃	IS 3025: Part 23: 2023	mg/L	Zero	--	--
2	Sodium as Na	IS 3025 (Part 45) : 1993	mg/L	17	--	--
3	Potassium as K	IS 3025 (Part 45) : 1993	mg/L	2	--	--
4	Manganese as Mn	IS 3025 (Part 59) : 2023	mg/L	BDL(DL=0.05)	0.1	0.3
5	Ammonia as NH ₃ - N	IS 3025 (Part 34) : 2019	mg/L	BDL(DL=0.05)	0.5	No relaxation
6	Nitrite as NO ₂	IS 3025 (Part 34/Sec-1) : 2023	mg/L	BDL(DL=0.005)	--	--
7	Phosphate as PO ₄	IS 3025 (Part 31/Sec-1) : 2022	mg/L	0.03	--	--
8	Oxygen Demand (Tidy's Test) 4 hrs. as O ₂	IS 3025 (Part 63) : 2007	mg/L	0.20	--	--

Bacteriological Test

1	Total coliform	IS 15185 : 2016 (RA: 2021)	CFU	Absence	Absence / 100 mL
2	Fecal coliform	IS 15185 : 2016 (RA: 2021)	CFU	Absence	Absence / 100 mL
3	E. coli	IS 15185 : 2016 - Reaffirmed 2021	CFU	Absence	Absence / 100 mL

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.

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 Bacteriological.

Reviewed by
Junior Water Analyst

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

Authorised Signatory
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. 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. P. Alkalinity is Zero when pH of water sample is less than 8.30.
6. BDL: Below Detection Limit; DL: Detection Limit.

For SREE MURAGAN EDUCATIONAL TRUST

MANAGER

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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	--	7.22	6.5-8.5	No Relaxation
6	EC @ 25°C	IS 3025: Part 14: 2013	µS/cm	195	--	--
7	Total Dissolved Solids	IS 3025: Part 16: 2023	mg/L	158	500	2000
8	Total Alkalinity as CaCO ₃	IS 3025: Part 23: 2023	mg/L	30	200	600
9	Total Hardness as CaCO ₃	IS 3025: Part 21: 2009 (RA 2023)	mg/L	53	200	600
10	Calcium as Ca	IS 3025: Part 40: 2024	mg/L	15	75	200
11	Magnesium as Mg	IS 3025: Part 46: 2023	mg/L	4	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: 1988 (RA 2019)	mg/L	26	250	1000
14	Nitrate as NO ₃	IS 3025: (Part 34/Sec-1): 2023	mg/L	4	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 ₄	IS 3025: (Part 24/Sec 1): 2022	mg/L	21	200	400

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.

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

Reviewed by
Junior Water Analyst



Authorised Signatory
K. Rengaraj – Assistant Water Analyst
For SREE MURAGAN EDUCATIONAL TRUST
MANAGER

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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).

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