



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

OM Sakthi Nagar, 1st Street, Near VAO Office,

Ramanathapuram – 623 504., E-mail: ramnaddistrictlab@gmail.com



TC-15576

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	DWTL/TR/2026/ 59 -1	Report Issue Date :	09.07.2026	Page No : 1 of 1
Invoice Details:	354/Dt.07.07.2026 Amt: Rs.1180/-			

Client Name & Address Contact No / Email.ID	:	The Correspondent, Bodhi Vidhyalaya CBSE School, Seyyalur(Village), Ettivayal(Post), Ramanathapuram (District).		
Sample / Lab No	:	DWTL/2026/59		
Sample Name	:	Water - Drinking Water		
Sample Description	:	Clear, Colorless, Liquid		
Sample Source	:	RO Water		
Sample Submitted by	:	Customer - Mr.Saravanan		
Location & Date	:	Bodhi Vidhyalaya CBSE School & 07.07.2026		
Sample Container	:	Plastic – Good Condition		
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	: Good
Sample Received On	:	07.07.2026	Environmental Condition Temp °C	: 23 – 27 °C
Test Commenced on	:	08.07.2026	Test Completed on	: 08.07.2026

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	6.57	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	12	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	18	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	26	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	5	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	0	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	0.2	1.0	1.5

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

Reviewed and Authorised by

V. Muthukrishnan - Assistant Executive Engineer

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.

---End of Report----

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**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD****DISTRICT WATER TESTING LABORATORY****OM Sakthi Nagar, 1st Street, Near VAO Office,****Ramanathapuram – 623 504., E-mail: ramnaddistrictlab@gmail.com****TEST REPORT**

Doc.No: DWTL/FORM/7.8/01

Report No:	DWTL/TR/2026/59-2	Report Issue Date :	09.07.2026	Page No : 1 of 2
Invoice Details:	354/Dt.07.07.2026/ Amt:Rs. 1180/-			

Client Name & Address Contact No / Email.ID		: The Correspondent, Bodhi Vidhyalaya CBSE School, Seyyalur(Village), Ettivayal(Post), Ramanathapuram (District).				
Sample / Lab No		DWTL/2026/59				
Sample Name		: Water - Drinking Water				
Sample Description		: Clear, Colorless, Liquid				
Sample Source		RO Water				
Sample Submitted by		: Customer - Mr.Saravanan				
Location & Date		: Bodhi Vidhyalaya CBSE School & 07.07.2026				
Sample Container		: Plastic – Good Condition				
Quantity of sample Received		: 2 Litre	Sample Condition on Receipt		: Good	
Sample Received On		: 07.07.2026	Environmental Condition Temp °C		: 23 – 27 °C	
Test Commenced on		: 08.07.2026	Test Completed on		: 08.07.2026	
S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Appearance	--	Visual	Clear	--	--
2	Odour	--	IS 3025: Part 5: 2018	None	--	--
3	Turbidity	NTU	IS 3025: Part 10: 2023	0	1	5
4	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	90	500	2000
5	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	129	--	--
6	P- Alkalinity as CaCO3	mg/L	IS 3025: Part 23: 2023	Nil	--	--
7	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	2	75	200
8	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	1	30	100
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	0	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	0	0.1	0.3

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S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	0	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	0	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	0	--	--
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.20	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0	0.2	1.0

Bacteriological Test

1	Standard Plate Count	CFU / 1ml	APHA (24th Edn) -9215B - 2023	--	--
2	Total coliform	CFU / 100 ml	IS 15185 : 2016- RA : 2021	--	--
3	Fecal coliform	CFU / 100 ml	IS 15185 : 2016- RA : 2021	--	--
4	E. coli	CFU / 100 ml	IS 15185 : 2016- RA : 2021	--	--

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

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V. Muthukrishnan - Assistant Executive Engineer

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