TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863 E-mail: twadlabcbe@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2026/ 53539-1	Report Issue Date :	16.09.2026	Page No : 1 of 1
Invoice Details:	9910/Dt.11.09.2026/ Amt.1652/-	ULR No : -NA-		

Client Name & Address Contact No / Email.ID	:	Mani School, (A Unit of the Kuppusamy Naidu Charity Trust for Education and Medical Relief), Paapanaickenpalayam, Coimbatore.				
Sample / Lab No	:	2026/53539				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	Tap Water (RO)				
Sample Submitted by	:	Customer				
Location & Date	:	Within the School Premises & 11.09.2026				
Sample Container	:	Plastic – Good Condition				
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received on	:	11.09.2026	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	11.09.2026	Test Completed on	:	12.09.2026	

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	6.6	6.5-8.5	No Relaxation
2	Total Hardness as $CaCO_3$	mg/L	IS 3025: Part 21: 2009 (RA:2023)	14	200	600
3	Total Alkalinity as $CaCO_3$	mg/L	IS 3025: Part 23: 2023	12	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	8	250	1000
5	Sulphate as SO_4	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	0	200	400
6	Nitrate as NO_3	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Ultraviolet Spectrophotometric Method	1	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

16/09/2026

Junior Water Analyst
TWAD Board, DWT Lab
Coimbatore

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-----

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2026/ 53539 - 2	Report Issue Date :	15.09.2026	Page No : 1 of 1
Invoice Details:	9910/Dt.11.09.2026/ Amt.1652/-			

Client Name & Address Contact No / Email.ID	:	Mani School, (A Unit of the Kuppusamy Naidu Charity Trust for Education and Medical Relief), Paapanaickenpalayam, Coimbatore.				
Sample / Lab No	:	2026/53539				
Sample Name	:	Water - Drinking Water				
Sample Description	:	Clear, Colorless, Liquid				
Sample Source	:	Tap Water (RO)				
Sample Submitted by	:	Customer				
Location & Date	:	Within the School Premises & 11.09.2026				
Sample Container	:	Plastic – Good Condition				
Quantity of sample Received	:	2 Litre	Sample Condition on Receipt	:	Good	
Sample Received On	:	11.09.2026	Environmental Condition Temp °C	:	23 – 27 °C	
Test Commenced on	:	11.09.2026	Test Completed on	:	12.09.2026	

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	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	37	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	54	--	--
4	P- Alkalinity as $CaCO_3$	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	2	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	2	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	5	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	0	--	--

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Invoice Details:	9910/Dt.11.09.2026/ Amt.1652/-			

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
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH_3	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO_2	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO_4	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O_2 (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.24	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible limit in respect to above tested parameters.

16/09/2026

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