



Andipatti - Sedappatti, CWSS Treatment Plant, Vaigaidam,
Theni - 625562. E-mail: wtltheni11@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/2834-1	Report Issue Date:	22.07.2025	Page No : 01 of 01
Invoice Details:	16/Dt : 18.07.2025 Amt.Rs.1652	ULR. No	--	

Client Name & Address : Life Innovation Public School,
Contact No / Email.ID Vadaveeranaickenpatty village,
Periyakulam Taluk, Theni-.District.

Sample Name	:	Water – Drinking Water		
Sample / Lab No	:	2834-1		
Sample Source	:	Drinking Water		
Sample Description	:	Clear Colorless liquid		
Sample Submitted by	:	Customer		
Location & Date	:	Life Innovation Public School, Vadaveeranaickenpatty. & 18.07.25.		
Sample Container	:	Plastic – Good Condition		
Quantity of sample Received	:	2 Litres	Sample Condition on Receipt	: Good
Sample Received on	:	18.07.2025	Environmental Condition	: 23 – 27 °C
Test Commenced on	:	19.07.2025	Test Completed on	: 20.07.2025

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	pH @ 25°C	IS 3025: Part 11: 2022	--	6.55	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025: Part 21: 2009	mg/L	18	200	600
3	Total Alkalinity as CaCO ₃	IS 3025: Part 23: 2023	mg/L	15	200	600
4	Chloride as Cl	IS 3025: Part 32: 1988	mg/L	27	250	1000
5	Sulphate as SO ₄	IS 3025: (Part 24/Sec 1): 2022	mg/L	Less than 5	200	400
6	Nitrate as NO ₃	IS 3025: (Part 34/Sec-1): 2023	mg/L	41	45	45
7	Fluoride as F	IS 3025: (Part 60/Sec-1): 2023	mg/L	0.4	1.0	1.5

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

----- End of the Report -----

Reviewed and Authorised by
M.G.Rajesh– Asst. Executive Engineer

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.



DISTRICT WATER TESTING LABORATORY

Aundipatti-Sedapatti CWSS Treatment Plant, Vaigaidam,

Theni-625562. E-mail: wtltheni11@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/2834-2	Report Issue Date :	22.07.2025	Page No:01 of 02
Invoice Details:	16/Dt.18.07.2025/Amt.Rs.1652/-			

Client Name & Address Contact No / Email.ID	:	Life Innovation Public School, Vadaveeranaickenpatty village, Periyakulam Taluk, Theni-.District
Sample Name	:	Water – Drinking Water
Sample /Lab No	:	2834-2
Sample Source	:	Drinking Water
Sample Description	:	Clear Colorless liquid
Sample Submitted by	:	Customer
Location & Date	:	Life Innovation Public School, Vadaveeranaickanpatty. & 18.07.25.
Sample Container	:	Plastic – Good Condition
Quantity of sample Received	:	2 Litres
Sample Received On	:	18.07.2025
Test Commenced on	:	19.07.2025
		Sample Condition on Receipt
		:
		Good
		Environmental Condition
		:
		23 – 27 °C
		Test Completed on
		:
		20.07.2025

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Appearance	Visual observation	--	Clear	Clear	Clear
2	Odour	IS 3025: Part 5: 2018	--	Agreeable	Agreeable	Agreeable
3	Turbidity	IS 3025: Part 10: 2023	NTU	2	1	5
4	Total Dissolved Solids	IS 3025: Part 16: 2023	mg/L	130	500	2000
5	Conductivity	IS 3025: Part 14: 2013	µS/cm	185	-	-
6	P - Alkalinity	IS 3025: Part 23: 2023	mg/L	NIL	-	-
7	Calcium as Ca	IS 3025: Part 40: 1991	mg/L	5	75	200
8	Magnesium as Mg	IS 3025: Part 46: 2023	mg/L	2	30	100
9	Iron as Fe	IS 3025 (Part 53) : 2024	mg/L	0.1	0.3	1
10	Manganese as Mn	IS 3025 (Part 59) : 2023	mg/L	0	0.1	0.3
11	Ammonia as NH ₃	IS 3025 (Part 34) : 2023	mg/L	0.5	0.5	0.5

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S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
12	Nitrite as NO ₂	IS 3025 (Part 34/Sec-1) : 2023	mg/L	0	-	-
13	Total Phosphate as PO ₄	IS 3025 (Part 31/Sec-1) : 2022	mg/L	0	-	-
14	Tidys 4 hr. test	IS 3025 (Part 63) : 2007	mg/L	0.7	-	-
15	Residual Chlorine	IS 3025 (Part 26) : 2007	mg/L	0	0.2	1.0

BACTERIOLOGICAL EXAMINATION

1	Standard Plate Count	APHA (24th Edition) -9215 -B	CFU / 1ml	-	-	--
2	Total coliform	IS 15185 : 2016- Reaffirmed 2021	CFU / 100 ml	-	Absence/100 ml	
3	Fecal coliform	IS 15185 : 2016 - Reaffirmed 2021	CFU / 100 ml	0	Absence/100 ml	
4	E. coli	IS 15185 : 2016 - Reaffirmed 2021	CFU / 100 ml	-	Absence/100 ml	

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

----- End of the Report -----

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