

## TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

## DISTRICT WATER TESTING LABORATORY

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/2025/2812-1	Report Issue Date:	12.05.2025	Page No : 01 of 01
Invoice Details:	95/Dt 07.05.2025 Amt.Rs.1652	ULR. No	--	

Client Name & Address	:	Theni Kammavar Sagam Public School,		
Contact No / Email.ID	:	Kammavar Nager Koduvilarpatti, Theni.		
Sample Name	:	Water – Drinking Water		
Sample / Lab No	:	2812-1		
Sample Source	:	Bore Well Water		
Sample Description	:	Clear Colorless liquid		
Sample Submitted by	:	Customer		
Location & Date	:	Kammavar School & 07.05.2025		
Sample Container	:	Plastic – Good Condition		
Quantity of sample Received	:	2 Litres	Sample Condition on Receipt	: Good
Sample Received on	:	07.05.2025	Environmental Condition	: 23 – 27 °C
Test Commenced on	:	08.05.2025	Test Completed on	: 09.05.2025

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	pH @ 25°C	IS 3025: Part 11: 2022	--	7.90	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO <sub>3</sub>	IS 3025: Part 21: 2009	mg/L	290	200	600
3	Total Alkalinity as CaCO <sub>3</sub>	IS 3025: Part 23: 2023	mg/L	262	200	600
4	Chloride as Cl	IS 3025: Part 32: 1988	mg/L	94	250	1000
5	Sulphate as SO <sub>4</sub>	IS 3025: (Part 24/Sec 1): 2022	mg/L	26	200	400
6	Nitrate as NO <sub>3</sub>	IS 3025: (Part 34/Sec-1): 2023	mg/L	24.8	45	45
7	Fluoride as F	IS 3025: (Part 60/Sec-1): 2023	mg/L	0.6	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 -----

File No. *[Signature]*  
For Reviewed and Authorised by  
M.G.Rajesh- Asst. Executive Engineer

## Note:

- The test results relate only to the items tested.
- The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- The test items will not be retained for more than 15 days from the date of issue of the test report.
- The result applied to the sample as received basis.

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**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD**



**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:	<b>TR/2025/2812-2</b>	Report Issue Date :	12.05.2025	Page No:01 of 02
Invoice Details:	95/Dt.07.05.2025/Amt.Rs.1652/-			

Client Name & Address Contact No / Email.ID	: Theni Kammavar Sagam Public School, Kammavar Nager Koduvilarpatti, Theni.				
Sample Name	: Water – Drinking Water				
Sample /Lab No	: 2812-2				
Sample Source	: Bore Well Water				
Sample Description	: Clear Colorless liquid				
Sample Submitted by	: Customer				
Location & Date	: Kammavar School & 07.05.2025				
Sample Container	: Plastic – Good Condition				
Quantity of sample Received	: 2 Litres	Sample Condition on Receipt	: Good		
Sample Received On	: 07.05.2025	Environmental Condition	: 23 – 27 °C		
Test Commenced on	: 08.05.2025	Test Completed on	: 09.05.2025		

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	1	1	5
4	Total Dissolved Solids	IS 3025: Part 16: 2023	mg/L	545	500	2000
5	Conductivity	IS 3025: Part 14: 2013	µS/cm	778	-	-
6	P - Alkalinity	IS 3025: Part 23: 2023	mg/L	NIL	-	-
7	Calcium as Ca	IS 3025: Part 40: 1991	mg/L	72,5	75	200
8	Magnesium as Mg	IS 3025: Part 46: 2023	mg/L	29	30	100
9	Iron as Fe	IS 3025 (Part 53) : 2024	mg/L	0	0.3	1
10	Manganese as Mn	IS 3025 (Part 59) : 2023	mg/L	0	0.1	0.3
11	Ammonia as NH <sub>3</sub>	IS 3025 (Part 34) : 2023	mg/L	0.3	0.5	0.5

  
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4. The result applied to the sample as received basis.

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DISTRICT WATER TESTING LABORATORY

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TEST REPORT

Doc.No: DWTL/FORM 7.8 01

Report No:	TR/2025/2812-2	Report Issue Date :	12.05.2025	Page No:02 of 02
Invoice Details:	95/Dt.07.05.2025/Amt.Rs.1652/-			

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 <sub>2</sub>	IS 3025 (Part 34/Sec-1) : 2023	mg/L	0	-	-
13	Total Phosphate as PO <sub>4</sub>	IS 3025 (Part 31/Sec-1) : 2022	mg/L	0.2	-	-
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
<b>BACTERIOLOGICAL EXAMINATION</b>						
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.

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