

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD



DISTRICT WATER TESTING LABORATORY

No. 25, Perumal Vadakku Theru, Madapuram,

Thiruvarur - 610001.

Phone: 04366-221300

E-mail: dwtlthiruvarur@gmail.com



TC - 10751

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/25298	Report Issue Date:	12.03.2025	Page No :	01 of 01
Invoice Details:	0033/Dt.03.03.2025/Amr.Rs.1180/-		ULR No	TC1075123000000188F	

Client Name & Address : The Managing Director,
 Contact No / Email.ID : Ants N Bees International School,
 36, Thendral Nagar,
 Thiruvarur.

Sample Name	:	Water
Sample Number	:	25298
Sample Description	:	Bore well
Sample Submitted by	:	Customer
Location & Date	:	Thendral Nagar & 04.03.2025
Quantity of sample Received	:	5 Litre
Sample Container	:	Jerry Cane
Sample Condition on Receipt	:	Good
Sample Received On	:	04/03/2025
Test Commenced on	:	04/03/2025
		Environmental Condition : 23.0°C – 27.0°C
		Test Completed on : 12/03/2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	-	IS 3025 Part 11-2022	7.14	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	mg/L	IS 3025 Part 21-2009	300	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025-Part 23-2023	520	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-1988	340	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025-Part 24 Sec -01 -2022	91	200	400
6	Nitrate as NO ₃	mg/L	APHA 24th Edition 2023- 4500 -NO3 B	12	45	45
7	Fluoride as F	mg/L	APHA 24th Edition 2023 - 4500- F-D	0.03	1.0	1.5

Remark: The tested sample Conformed to IS: 10500:2012 Drinking water specification with respect to above tested parameters.

.... End of the report....

S. Kathirkamanathan
 Authorised Signatory
 S.Kathirkamanathan, B.Sc.,MBA-Junior 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. Unless informed by customer, 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.



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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
1	Appearance	Visual observation	—	Clear	Clear	Clear
2	Colour	IS 3025 Part 4 - 2022	HU	5	5	15
3	Odour	IS 3025 Part 5: 1983	--	None	Agreeable	Agreeable
4	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0.5	1	5
5	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	1399	500	2000
6	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	1999	-	-
7	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
8	Calcium as Ca	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	120	70	200
9	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	44	30	100

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Invoice Details:	0033/D/03.03.2025/Amt.Rs 1180/-			

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
10	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.00	0.3	1
11	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.1	0.3
12	Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.00	0.5	0.5
13	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.00	-	-
14	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P+ D	mg/L	0.00	-	-
15	Sodium	APHA 23rd Edition-2017 - 3500Na B	mg/L	199	-	-
16	Potassium	APHA 23rd Edition 2017- 3500-K B	mg/L	19	-	-
17	Residual Chlorine	IS/APHA	mg/L	0	0.2	1

Report: The tested sample Conformed to IS: 10500:2012 drinking water specification with respect to above tested parameters.

.....End of the report.....

S. Kathirkamanathan
Authorised Signatory

S. Kathirkamanathan, B.Sc.,MBA-Junior Water Analyst

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THIRUVARUR MUNICIPALITY

**ROC NO 000665/2025/H1
DATE : 02.06.2025**

**MUNICIPAL OFFICE
THIRUVARUR.**

SANITARY CERTIFICATE

I hereby declare that I have inspected the building and premises of the "ANTS N BEES INTERNATIONAL SCHOOL, 36. THENDRAL NAGAR, THIRUVARUR. Building and Premises on 02.06.2025 and certify that the accommodation provided is sufficient and properly ventilated and lighted that the building maintained is substantial repairs, that the urinal and latrine arrangements are adequate and satisfactory. The supply of Drinking water is wholesome and that all other necessary aspects the sanitation is satisfactory.

This certificate is valid up to One year from the date of issue.



**Sanitary Officer,
Thiruvvarur Municipality**

TO,

**Correspondent,
Ants N Bees International School,
36. Thendral Nagar
Thiruvvarur.**