



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No.41 E4, Rajaji Nagar, College Road, Ariyalur-621704.

Phone: 04329 - 220142

E-mail: dwtlariyalur@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 2401-1	Report Issue Date :	18.03.2025	Page No : 01 of 01
Invoice Details:	2049/Dt.15.03.2025, Amt.Rs.1,652/-			

Client Name & Address Contact No / Email.ID	:	Correspondent, Swami Senior Secondary School (CBSE), Thirumazhapadi Road, Keelapalur, Ariyalur(Dt).
Sample Name	:	Water
Sample Number	:	2401-1
Sample Description	:	Drinking Water-RO Water
Sample Submitted by	:	Thiru. N. Anandakrishnan
Location & Date	:	Swami Senior Secondary School (CBSE), Keelapalur & 15.03.2025
Quantity of sample Received	:	2 Litre
Sample Container	:	Jerry Cane
Sample Condition on Receipt	:	Good
Sample Received On	:	15/03/2025
Test Commenced on	:	15/03/2025
Test Completed on	:	18/03/2025
Environmental Condition	:	24.5°C

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	6.58	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	mg/L	IS 3025 Part 23-2023	20.0	200	600
3	Total Hardness as CaCO ₃	mg/L	IS 3025 Part 21-2009	12.0	200	600
4	Chloride as Cl	mg/L	IS 3025 Part 32-1988	10.0	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025 Part 24-Section-1-2022	2.3	200	400
6	Nitrate as NO ₃	mg/L	APHA 23rd Edition 2017- 4500 -NO ₃ B	1.0	45	45
7	Fluoride as F	mg/L	APHA 23rd Edition 2017 - 4500- F-D	0.24	1.0	1.5

Remark: The tested sample conformed to IS: 10500:2012 (RA: 2019) Drinking water specification with respect to above tested parameters.
The Decision rule is not applicable.

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

Verified by: *M. R. Banath*

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.

S. Sugunaraaj
Authorised Signatory
S.SUGUNARAJ - Assistant Executive Engineer,
TWAD Board, Ariyalur.



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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 2401-2	Report Issue Date :	18.03.2025	Page No:01 of 02
Invoice Details:	2049/Dt:15.03.2025, Amt.Rs.1,652/-			

Client Name & Address	:	Correspondent,
Contact No / Email.ID	:	Swami Senior Secondary School (CBSE),
	:	Thirumazhapadi Road,
	:	Keelapalur,
	:	Ariyalur(Dt).
Sample Name	:	Water
Sample Number	:	2401-2
Sample Description	:	Drinking Water- RO Water
Sample Submitted by	:	Thiru. N. Anandakrishnan
Location & Date	:	Swami Senior Secondary School (CBSE), Keelapalur &15.03.25
Quantity of sample Received	:	2 Litre
Sample Container	:	Jerry Cane
Sample Condition on Receipt	:	Good
Sample Received On	:	15/03/2025
Test Commenced on	:	15/03/2025
Test Completed on	:	18/03/2025
Environmental Condition	:	24.5°C

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 : 1983	--	Agreeable	Agreeable	Agreeable
3	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	1	1	5
4	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	53	500	2000
5	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	75	-	-
6	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
7	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	10.0	75	200
8	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	0.38	30	100
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.0	0.3	1

Verified by: M. Rubawath.
18/3/25

Authorised Signatory
S.SUGUNARAJ - Assistant Executive Engineer,
TWAD Board, Ariyalur.

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



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Report No:	TR/2025/ 2401-2	Report Issue Date :	18.03.2025	Page No:02 of 02
Invoice Details:	2049/Dt:15.03.2025, Amt.Rs.1,652/-			

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
10	Manganese as Mn	APHA 23rd Edition 2017 – 3500 Mn B	mg/L	0	0.1	0.3
11	Ammonia as NH ₃	APHA 17th Edition-1989– 4500 NH ₃ C	mg/L	0.00	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017– 4500-NO ₂ B	mg/L	0.00	-	-
13	Total Phosphate as PO ₄	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0.00	-	-
14	Tidys 4 hr. test	APHA 23rd Edition 2017 – 4500 O - B	mg/L	0.00	-	-
15	Residual Chlorine	IS/APHA	mg/L	0.0	0.2	1.0
BACTERIOLOGICAL EXAMINATION						
16	Fecal Coliform	IS/APHA	CFU/ 100ML	0	0	0

Report: The tested sample conformed to IS:10500:2012(RA: 2019)drinking water specification with respect to above tested parameters.

Report:- 2401- The water is Physically and Chemically Potable.
The water is Bacteriologically Not Contaminated.

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

Verified by: *M. Ribanathi*
18/3/25

S. Sugunaraaj
18/3/25
Authorised Signatory
S.SUGUNARAJ - Assistant Executive Engineer,
TWAD Board, Ariyalur.

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ANNEXURE -C

PROFORMA FOR SAFE WATER AND SANITARY CONDITION CERTIFICATE

No.01/2025

Dated: 28.07.2025.

It is certified that an inspection team head by Thiru. **K.Vakheel, Block Heath Supervisor, Govt. Primary Health Centre, Thirumanur** from Public Health and Preventive Medicine Department, Ariyalur District inspected the **Swami Senior Secondary School, Thirumazhapadi Road, Keelapalur, Ariyalur District** on 28.07.2025 of TAMILNADU WATER SUPPLY AND DRAINAGE BOARD DISTRICT WATER TESTING LABORATORY, Ariyalur. And certified that the **Swami Senior Secondary School, Thirumazhapadi Road, Keelapalur** has safe drinking water facilities for the students and members of staff of the institution.

School is also maintains the hygienic sanitation condition in the school Building & the campus as per norms prescribed by the Central/State/U.T. Government.

The Certificate is valid till **27.07.2026**.


**DISTRICT HEALTH OFFICER
ARIYALUR**

To

Swami Senior Secondary School,
Thirumazhapadi Road,
Keelapalur,
Ariyalur District.


28/7/25

28/7/25

FOR SWAMI MATRICULATION HR.SEC.SCHOOL


AUTHORISED SIGNATORIES

For SWAMI SENIOR SECONDARY SCHOOL


PRINCIPAL