



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No.397,ANBU NAGAR GORIMEDU,SALEM - 636 008.

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TC - 14195

TEST REPORT

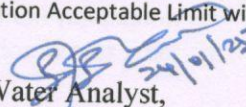
Doc.No: DWTL/Form/7.8/01

Report No:	TR/2025/ 60646	Report Issue Date :	24.01.2025	Page No : 01 of 01
Invoice Details:	7372/Dt.22.01.2025 Amt.Rs.1652 /-	ULR No	TC141952500000313F	

Client Name & Address Contact No / Email.ID	: Sri Raam Vidyalaya Public School, Sri Raam Nagar, Pottaneri, Mettur(TK),Salem-636 453.
Sample Name	: Water
Sample Number	: 60646.
Sample Description	: Bore well Water / Surface Water / Ground Water
Sample Submitted by	: Mrs.S.Santhi.
Location & Date	: RO Water @ Sri Raam Vidyalaya School,Pottaneri & 22.01.2025
Quantity of sample Received	: 2 Litre
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 22.01.2025
Test Commenced on	: 22.01.2025
Test Completed on	: 23.01.2025
Environmental Condition	: 23.0°C - 27.0°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	6.52	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	mg/L	IS 3025 Part 21-2009(RA 2019)	16	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025-Part 23-2023	24	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-(RA 2019)	6	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025(Part 24/Sec 1):2022 (Turbidity Method)	<5	200	400
6	Nitrate as NO ₃	mg/L	APHA 24rd Edition - 4500 -NO ₃ B:2023	<2	45	45
7	Fluoride as F	mg/L	APHA 24rd Edition - 4500 -F- D:2023	0.2	1.0	1.5

Remark: The tested sample conformed to IS: 10500:2012 (RA: 2019) Drinking water specification Acceptable Limit with respect to above tested parameters.


Junior Water Analyst,
Reviewed and Authorised by Signatory
S.C.Prakasham.

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

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.



TEST REPORT

Sample Receipt No/Date :	60646-60647/Dt.22.01.2025
Invoice Details :	7372/Dt.22.01.2025
Customer Name and Address :	Sri Raam Vidyalaya Public School, Sri Raam Nagar, Pottaneri, Mettur (TK), Salem-636 453.
Test Commenced on :	22.01.2025
Test Completed on :	23.01.2025
Test Report Date :	24.01.2025

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	RO Water.
Location :	RO Water @ Sri Raam Vidyalaya School Pottaneri.
Sample drawn by/Date :	Customer/Dt.22.01.2025
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable.

The test result of sample received is as follows.

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 60646 Result	Specification as per IS 10500 : 2012 Permissible Limit
8	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	5
9	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	49	2000
10	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μ S/cm	70	-
II. Chemical Examination					
11	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-
12	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	5	200
13	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	1	100
14	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	-	-
15	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	-	-
16	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.00	1
17	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.3
18	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.00	0.5
19	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₃ B	mg/L	0.00	-
20	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.00	-
21	Free residual chlorine	BIS 10500:2012	mg/L	0.00	-
III. Bacteriological Examination				60647	
22	Feecal Coliform per 100 ml	IS/APHA	CFU	0	0

Reviewed and Authorised by Signatory
S.C.Prakasham,
Junior Water Analyst.

.End of the report.....

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