



# TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

## DISTRICT WATER TESTING LABORATORY

No. 471 & 472, Bharathiyar Complex, Avinashi Road,  
Tiruppur – 641602.

Phone: 0421 - 2245201

E-mail: labtpr@gmail.com



TC - 15221

### TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Sample / Lab No:	TR/2025/240	Report Issue Date :	31.05.2025
Invoice Details:	3143/Dt.27.05.2025/ Amt.Rs.1,652 /-		
ULR No:	TC1522125000000119F		

Client Name & Address : M/s.Shiva Niketan School,  
Contact No / Email.ID : S.F.NO.78/3A, Poomalur Pirivu,  
Mangalam, Palladam Road,  
Tiruppur- 641 663.

Sample Name : Water- Drinking  
Sample Description : RO Outlet Water  
Sample Code No : 240  
Sample Submitted by : Customer-Thiru.A.Srinivasan.  
Location & Date : At M/s.Shiva Niketan School & 27.05.2025  
Quantity of sample Received : 2 Litre  
Sample Container : Plastic – Good condition.  
Sample Condition on Receipt : Good  
Sample Received On : 27.05.2025  
Test Commenced on : 27.05.2025  
Test Completed on : 28.05.2025  
Environmental Condition : 23.0°C-27.0°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	pH @ 25° C	IS 3025 Part 11-2022	--	6.82	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23-2023	mg/L	38	200	600
3	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21-2009 (RA:2023)	mg/L	88	200	600
4	Chloride as Cl	IS 3025-Part 32-1988 (RA:2019)	mg/L	56	250	1000
5	Sulphate as SO <sub>4</sub>	IS 3025-Part 24- Sec 1-2022	mg/L	6	200	400
6	Nitrate as NO <sub>3</sub>	IS 3025-Part 34- Sec 1-2023	mg/L	11	45	45
7	Fluoride as F	IS 3025-Part 60- Sec 1-2023	mg/L	0.5	1.0	1.5

**Remarks :** The Tested sample conformed IS:10500:2012 Drinking water specification with respect to above tested Parameters.  
..... End of the Report.....

Reviewed & Authorised Signatory  
B .George - Junior 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. 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	Physical observation	--	Clear	-	-
2	Colour	IS 3025-Part 4	Hazen	< 2	5	25
3	Odour	IS 3025-Part 5	--	Agreeable	Agreeable	Agreeable
4	Turbidity	IS 3025-Part 10	NTU	< 0.5	1	5
5	Total Dissolved Solids	IS 3025-Part 16	mg/L	187	500	2000
6	Conductivity	IS 3025-Part 14	μS/cm	267	-	-
7	P – Alkalinity as CaCO <sub>3</sub>	IS 3025-Part 23-1983	mg/L	NIL	-	-
8	Calcium as Ca	IS 3025-Part 40	mg/L	18	75	200
9	Magnesium as Mg	IS 3025-Part 46	mg/L	11	30	100
10	Iron as Fe	IS 3025-Part 53	mg/L	< 0.1	0.3	1
11	Manganese as Mn	IS 3025-Part 59	mg/L	< 0.05	0.1	0.3
12	Ammonia as NH <sub>3</sub>	IS 3025-Part 34	mg/L	< 0.1	0.5	0.5
13	Nitrite as NO <sub>2</sub>	IS 3025-Part 34	mg/L	< 0.01	-	-
14	Total Phosphate as PO <sub>4</sub>	IS 3025-Part 31	mg/L	< 0.1	-	-
15	Residual Chlorine	IS 3025-Part 26	mg/L	< 0.2	0.2	1.0
16	Fecal Coliform	IS 1622	CFU/100ml	0 / 100ml	0 / 100ml	0/100ml

Remarks : The Tested sample conformed IS:10500:2012 Drinking water specification with respect to above tested Parameters.

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