

**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD****DISTRICT WATER TESTING LABORATORY****Room No.304, Collector Office Annexure Building, Namakkal-637002**

Phone:04286-294620

Email:districtlabnamakkal@gmail.com



TC - 14820

TEST REPORT

Doc.No: DWTL/FORM/7.8/01


Report No:	2026/5012	Report Issue Date :	06.3.2026
Invoice Details:	6266/Dt -04.03.2026/Amt.Rs.1652/-		
ULR No	TC148202600000071F		

Client Name & Address Contact No / Email.ID	: Excel Public School, NH-544,Salem Main road, Pallakkapalayam,Sankari West Post,Komarapalayam Tk,Namakkal Dt.
Sample Name	: Drinking Water
Sample Description	: Ro Water
Sample Done by	: Dr.N.Mathan Karthick
Sampling Location & Date	: Excel Public School & 04.03.2026
Quantity of sample Received	: 2 Litre
Sample Container	: Jerry Cane – Good condition
Sample Condition on Receipt	: Good
Sample Received On	: 04.03.2026
Test Commenced on	: 04.03.2026
Test Completed on	: 06.03.2026
Environmental Condition	: 23.0°C - 27.0°C

S.No	Parameters	Test Method	Unit	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	-	7.42	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009(RA 2019)	mg/L	32.00	200	600
3	Total Alkalinity as CaCO ₃	IS 3025-Part 23-2023	mg/L	44.00	200	600
4	Chloride as Cl	IS 3025-Part 32-(RA 2019)	mg/L	48.00	250	1000
5	Sulphate as SO ₄	IS 3025(Part 24/Sec 1):2022 (Turbidity Method)	mg/L	6.00	200	400
6	Nitrate as NO ₃	APHA 24rd Edition – 4500 –NO ₃ B:2023	mg/L	< 2	45	45
7	Fluoride as F	APHA 24rd Edition – 4500 –F- D:2023	mg/L	< 0.2	1.0	1.5

Remarks : The tested samples conformed to IS: 10500-2012(RA-2019)Drinking water Acceptable limit specification with respect to above tested parameter.

.....End of the Report.....


Reviewed and Authorised by Signatory
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.

Issue No./Date	01/01.10.2021	Amend. No/ Date	01/12.01.2022	Page No	1 of 1
----------------	---------------	-----------------	---------------	---------	--------



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Room No.304, Collector Office Annexure Building, Namakkal-637002

Phone:04286-294620

Email:districtlabnamakkal@gmail.com.

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Sample / Lab No:	2026/5012	Report Issue Date :	06.03.2026
Invoice Details:	6266/Dt.04.03.2026/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
8	Appearance	Physical observation	--	Clear	-	-
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
10	Odour	IS 3025 Part 5 : 1983	--	None	-	-
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	170	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	243	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	10	75	200
16	Magnesium as Mn	APHA 23rd Edition 2017- 3500 Mg B	mg/L	2	30	100
17	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	17	-	-
18	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	9	-	-
19	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.0	0.3	1.0
20	Manganese as Mn	APHA 23rd Edition 2017 - 3500.Mn B	mg/L	0.0	0.1	0.3
21	Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.0	0.5	0.5
22	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₂ B	mg/L	0.0	-	-
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.0	-	-
24	Tidys 4 hr. test	APHA 23rd Edition 2017 - 4500 O - B	mg/L	-	-	-
25	Free residual chlorine mg/L	BIS10500:2012	mg/L	0.0	0.2	1.0
III. Bacteriological Examination						
26	Feacal Coliform per 100 ml	IS/APHA	CFU	0	0	0

REPORT : The given water sample is chemically potable and Bacteriologically not contaminated.

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


Reviewed and Authorised by Signatory
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.