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/2026/249-1	Report Issue Date :	04.08.2026
Invoice Details:	3323/Dt.31.07.2026/ Amt.Rs.1,652/-		
ULR No:	TC152212600000237F		

Client Name & Address Contact No / Email.ID	:	M/s. Cotton Valley school, Merkala Thottam, Murungapalayam, Avinashi Road, Tiruppur – 641 603.
Sample Name	:	Water- Drinking
Sample Description	:	Bore well water
Sample Code No	:	249-1
Sample Submitted by	:	Customer- Thiru.Madhan
Location & Date	:	RO water at M/s. Cotton Valley School & 31.07.2026
Quantity of sample Received	:	2 Litre
Sample Container	:	Plastic – Good condition.
Sample Condition on Receipt	:	Good
Sample Received On	:	31.07.2026
Test Commenced on	:	31.07.2026
Test Completed on	:	01.08.2026
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	--	7.43	6.5-8.5	6.5-8.5
2	Total Alkalinity as $CaCO_3$	IS 3025 Part 23-2023	mg/L	26	200	600
3	Total Hardness as CaCO3	IS 3025 Part 21-2009 (RA:2023)	mg/L	38	200	600
4	Chloride as Cl	IS 3025-Part 32-1988 (RA:2019)	mg/L	13	250	1000
5	Sulphate as SO4	IS 3025–Part 24- Sec 1-2022	mg/L	< 5	200	400
6	Nitrate as NO_3	IS 3025–Part 34- Sec 1-2023	mg/L	15	45	45
7	Fluoride as F	IS 3025–Part 60- Sec 1-2023	mg/L	< 0.2	1.0	1.5

Remarks : The Tested sample conformed IS:10500:2012 Drinking water specification (Acceptable Limit / Permissible Limit) with respect to above tested Parameters.

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.

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

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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Sample / Lab No:	TR/2026/249-2	Report Issue Date :	04.08.2026
Invoice Details:	3323/Dt.31.07.2026/ Amt.Rs.1,652/-		

					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	88	500	2000
6	Conductivity	IS 3025-Part 14	µS/cm	125	-	-
7	P – Alkalinity as $CaCO_3$	IS 3025–Part 23-1983	mg/L	Nil	-	-
8	Calcium as Ca	IS 3025–Part 40	mg/L	8	75	200
9	Magnesium as Mg	IS 3025–Part 46	mg/L	4	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_3	IS 3025–Part 34	mg/L	< 0.5	0.5	0.5
13	Nitrite as NO_2	IS 3025–Part 34	mg/L	< 0.01	-	-
14	Total Phosphate as PO_4	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 (Acceptable Limit / Permissible Limit) with respect to above tested Parameters.

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