



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

OPP. Muthu Mandapam, Old Katpadi Road, Vellore-632004  
Phone: 0416-2215168 E-mail:twadlabphotos2021@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: 66784-66784A		Report Issue Date :		11.07.2024	
Invoice Details: 11080					
Client Name & Address		: SRI VIJAY VIDYASHRAM,			
Contact No / Email.ID		Thenmathur Village, Tiruvannamalai – 606 603.			
Sample Name		: Water			
Sample Description		: Drinking Water			
Sample Submitted by		: Mr.Santhosh.			
Location & Date		: Sri Vijay Vidyashram,Thenmathur Village, Tiruvannamalai.			
Quantity of sample Received		: 2 Litre			
Sample Container		: Plastic – Good condition			
Sample Condition on Receipt		: Good			
Sample Received On		: 10.07.2024			
Test Commenced on		: 10.07.2024			
Test Completed on		: 11.07.2024			
Environmental Condition		: 25.0C			

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH	IS 3025 Part 11-1983	-	7.35	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO3	IS 3025 Part 21-20009	mg/L	328	200	600
3	Total Alkalinity	IS 3025–Part 23-1986	mg/L	236	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	196	250	1000
5	Sulphate as SO4	IS 3025-Part 24-1986	mg/L	93	200	400
6	Nitrate as NO <sub>3</sub>	APHA 23rd Edition 2017– 4500 –NO3 B	mg/L	6	45	45
7	Fluoride as F	APHA 23rd Edition 2017 – 4500- F-D	mg/L	0.4	1.0	1.5

*B. J. Gnan* 11/7/24.  
Junior Water Analyst  
TWAD Board  
District Water Testing Laboratory  
Vellore - 632 004.

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	
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	848	500	2000	
13	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	1212	-	-	
14	P - Alkalinity	IS 3025–Part 23-1983	mg/L	-	-	-	
15	Calcium	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	66	75	200	
16	Magnesium	APHA 23rd Edition 2017– 3500 Mg B	mg/L	39	30	100	
17	Sodium	APHA 23rd Edition 2017 – 3500 Na B	mg/L	-	-	-	
18	Potassium	APHA 23rd Edition 2017 – 3500 K B	mg/L	-	-	-	
19	Iron	APHA 23rd Edition 2017– 3500 Fe B	mg/L	0.0	0.3	1	
20	Manganese	APHA 23rd Edition 2017 – 3500 Mn B	mg/L	0.0	0.1	0.3	
21	Ammonia	APHA 17th Edition-1989– 4500 NH3C	mg/L	0.0	0.5	0.5	
22	Nitrite as NO <sub>2</sub>	APHA 23rd Edition 2017– 4500-NO2 B	mg/L	0.0	-	-	
23	Total Phosphate as PO4	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0.0	-	-	
24	Tidys	APHA 23rd Edition 2017 – 4500 O - B	mg/L	0.0	-	-	
25	Fecai Coliform CFU/100	IS/APHA	mg/L	0	0	0	
26	Total Coliform CFU/100ML	IS/APHA	mg/L	0	0	0	

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

Remarks : The Tested sample is confirmed to IS : 10500:2012 Drinking Water specification with respect to above tested parameters.

6540256  
Junior Water Analyst  
TWAD Board  
District Water Testing Laboratory  
Vellore - 632 004.

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