



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



TC - 10698

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: 66736	Report Issue Date :	19.06.2024
Invoice Details: 11050		
Client Name & Address Contact No / Email.ID	: V.V.N.K.M.SR.SEC.SCHOOL, No.58,DKM College Road, Sainathapuram, Vellore.632 001	
Sample Name	: Water	
Sample Description	: Drinking Water	
Sample Submitted by	: N.Dineshkumar	
0 Location & Date	: V.V.N.K.M.SR.SEC.SCHOOL, No.58,DKM College Road, Sainathapuram	
Quantity of sample Received	: 2 Litre	
Sample Container	: Plastic – Good condition	
Sample Condition on Receipt	: Good	
Sample Received On	: 14.06.2024	
Test Commenced on	: 14.06.2024	
Test Completed on	: 18.06.2024	
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	-	6.57	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-20009	mg/L	14	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	8	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	6	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	2	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 –NO ₃ B	mg/L	0	45	45
7	Fluoride as F	APHA 23rd Edition 2017 – 4500- F-D	mg/L	0.0	1.0	1.5

G. J. y. G. Srinivasan
Junior Water Analyst 19/6/24

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	27	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	μ S/cm	39	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	-	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	3	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	1	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 ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.0	-	-
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.0	-	-
24	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	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.

B. S. G. G. G.
Junior Water Analyst 19/06/24
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