



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: 66758-66758A	Report Issue Date : 28.06.2024
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Invoice Details: 11061

Client Name & Address Contact No / Email.ID	: SAI GURUJI ELITE SCHOOL, Perumal koil street, K.V.Kuppam, Vellore-632 201.
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Sample Name	: Water
Sample Description	: Drinking Water
Sample Submitted by	: M.Durga Devi.
Location & Date	: Sai Guruji School Campus.
Quantity of sample Received	: 2 Litre
Sample Container	: Plastic – Good condition
Sample Condition on Receipt	: Good
Sample Received On	: 26.06.2024
Test Commenced on	: 26.06.2024
Test Completed on	: 28.06.2024
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	-	6.68	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-20009	mg/L	24	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	16	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	11	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	4	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

6-7 4 Aug 2024
Junior Water Analyst
TWAD Board
District Water Testing Laboratory
Vellore - 632 004.

Note:

- The test results relate only to the items tested.
- The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- 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.
- 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	46	500	2000	
13	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	65	-	-	
14	P - Alkalinity	IS 3025–Part 23-1983	mg/L	-	-	-	
15	Calcium	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	5	75	200	
16	Magnesium	APHA 23rd Edition 2017– 3500 Mg B	mg/L	3	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	-	-	
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.

6.8-4/28/2024
Junior Water Analyst
TWAD Board
District Water Testing Laboratory
Vellore - 632 004.

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