



# 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: 66681-66681A	Report Issue Date : 10.05.2024
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Invoice Details: 11198

Client Name & Address : The Correspondent,  
Contact No / Email.ID : St.JOHN'S SCHOOL,  
Katpadi Road,Kondasamuthram Village,  
Gudiyatham Taluk.  
Vellore District.632 602

Sample Name : Water  
Sample Description : Bore Well  
Sample Submitted by : Santhoshkumar  
Location & Date : School Inside, St.JOHN'S SCHOOL,Gudiyatham  
Quantity of sample Received : 2 Litre  
Sample Container : Plastic – Good condition  
Sample Condition on Receipt : Good  
Sample Received On : 07.05.2024  
Test Commenced on : 07.05.2024  
Test Completed on : 09.05.2024  
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 CaCO <sub>3</sub>	IS 3025 Part 21-20009	mg/L	200	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	168	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	137	250	1000
5	Sulphate as SO <sub>4</sub>	IS 3025-Part 24-1986	mg/L	46	200	400
6	Nitrate as NO <sub>3</sub>	APHA 23rd Edition 2017- 4500 -NO <sub>3</sub> B	mg/L	9	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	0.4	1.0	1.5

#### 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

10.05.24  
Junior Water Analyst  
TWAD Board  
District Water Testing Laboratory  
Vellore - 632 004.

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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	599	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	855	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	-	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	40	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	24	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 PO <sub>4</sub>	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.

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- The Result applied to the sample as Received basis

G. J. 87/11.5  
Junior Water Analyst  
TWAD Board  
District Water Testing Laboratory  
Vellore - 632 004.

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