



**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY**

**TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore -641043.**

Phone: 0422 - 2437863

E-mail: twadlabcbce@gmail.com

TEST REPORT

Sample Receipt No/Date :	49671- 49672/Dt.15.07.2024
Invoice Details :	8776/Dt.15.07.2024/Amt.1652/-
Customer Name and Address :	M/s. Sri Vinayaga Vidhyalaya School, No.113/4, Periyaranganathapuram, Bujanganoor, Karamadai.
Test Commenced on :	15.07.2024
Test Completed on :	16.07.2024
Test Report Date :	19.07.2024
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	Tap Water (RO)
Location :	Within the School Premises
Sample drawn by/Date :	Customer/15.07.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable
The test result of sample received is as follows.	

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 49671 Result	Specification as per IS 10500 : 2012	
					Acceptable limit	Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	63	500	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	92	-	-
	II. Chemical Examination					
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	5	75	200
6	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	3	30	100
7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	9	-	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	0	-	-
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1.0
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.2	0.5	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO3 B	mg/L	0	-	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.34	-	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.16	-	-
	III. Bacteriological Examination			49672		
15	Feecal Coliform per 100 ml	IS/APHA	CFU	0	0	0

Remarks: The tested sample is confirmed to IS: 10500:2012 drinking water specification with respect to above tested parameters.

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

19/7/2024

Assistant Water Analyst,
TWAD Bd, D.W.T. Lab,
Coimbatore.

Note:

- The test results relate only to the tested sample.
- 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.



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Location :	Within the School Premises
Sample drawn by/Date	Customer/15.07.2024
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 49671 Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	6.9	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	8	200	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	24	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	21	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	< 5.0	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₂ B	mg/L	7	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.0	1.5

Contd..

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