



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
NABL Accredited with the Standard ISO/IEC 17025:2017
No.1458, Kanchi Road, Vengikkal, Tiruvannamalai - 606604
Phone: 04175- 299907 E-mail: tvmdistrictlab@gmail.com



TC - 10752

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Sample / Lab No:	2023/ 47033	Report Issue Date :	19.07.2023
Invoice Details:	3422/Dt..12.07.2023/Amt.Rs.826/-		
ULR No	TC1075223000047033-47034F		

Client Name & Address : The Principal,
Contact No / Email.ID : Sri Chaitanya Techno School,
No: 1, Kanchi Road, opp- Anna arch, Vengikkal.

Sample Name : Water
Sample Description : BW
Sample Submitted by : Customer – M.Vinayagam
Location & Date : Anna arch & 12.07.2023
Quantity of sample Received : 2 Litre
Sample Container : Plastic – Good condition
Sample Condition on Receipt : Good
Sample Received On : 12/07/2023
Test Commenced on : 12/07/2023
Test Completed on : 17/07/2023
Environmental Condition : 25.7°C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25° C	IS 3025 Part 11-1983	-	7.05	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-20009	mg/L	204	200	600
3	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	180	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	120	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	60	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO3 B	mg/L	35	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	0.4	1.0	1.5

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MANAGER
SRI CHAITANYA TECHNO SCHOOL
No: 1, KANJI ROAD,
VENGIKKAL, (OPP: ANNA ARCH)
TIRUVANNAMALAI - 606 604.

PRINCIPAL
SRI CHAITANYA TECHNO SCHOOL
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S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
			--	Clear	-	-
8	Appearance	Physical observation		Colourless	Agreeable	Agreeable
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	None	-	-
10	Odour	IS 3025 Part 5 : 1983	--	0	1	5
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	502	500	2000
12	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	700	-	-
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	0	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	40	75	200
15	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	40	30	100
16	Magnesium as Mn	APHA 23rd Edition 2017- 3500 Mg B	mg/L	-	-	-
17	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	-	-	-
18	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	0.00	0.3	1
19	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.00	0.1	0.3
20	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.5	0.5
21	Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.00	-	-
22	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO ₂ B	mg/L	0.00	-	-
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.1	-	-
24	Tidys 4 hr. test	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.0	0.2	0.2
25	Residual Chlorine as RC	IS / APHA	CFU/10 Oml	0	0	0
26	Faecal Coliform	IS / APHA				

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

Report:47033: The given water samples is chemically potable.

Report:47034: The given water samples are Bacteriologically not contaminated.

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


EXECUTIVE ENGINEER
TWAD BOARD RWS DIVISION
TIRUVANNAMALAI


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