



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Manjalneerkayal, Palayakayal Post – 628 152,

Thoothukudi.

Phone: 04630 - 275225

E-mail: jwadwtltn@gmail.com



TC-10518

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: 47057 - 47058	Report Date :	05.06.2023
Invoice Details: 53 /Dt.02.06.2023/Amount.1652/-		
ULR No:TC – 1051822000047057F		

Client Name & Address : Velavan Vidyalaya,
Contact No / Email.ID : S.No.350/2B,Ettayapuram Road,
Pudurpandiapuram,
Thoothukudi District.

Sample Name : Water
Sample Description : Corporation Water
Sample Submitted by : Customer – Velavan Vidyalaya
Location & Date : School Sump & 02/06/2023
Quantity of sample Received : 2 Litre
Sample Container : Plastic – Good condition
Sample Condition on Receipt : Good
Sample Received On : 02/06/2023
Test Commenced on : 02/06/2023
Test Completed on : 05/06/2023
Environmental Condition : 21.7°C

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 Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	104	200	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	92	200	600
4	Nitrate as NO ₃	APHA 23rd Edition 2017-4500 -NO3 B	mg/L	< 2	45	45
5	Chloride as Cl	IS 3025-Part 32-1988	mg/L	68	250	1000
6	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	0.2	1.0	1.5
7	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	13	200	400

**PRINCIPAL
VELAVAN VIDYALAYA**

No : 350/2B, Ettayapuram Road,
Pudurpandiapuram,
Thoothukudi

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 the test report.
- The Result applied to the sample as Received basis

Authorised Signatory
R . Johnselvan.M.E.,
Assistant Executive Engineer

**SECRETARY
VELAVAN VIDYALAYA**

No : 350/2B, Ettayapuram Road,
Pudurpandiapuram,
Thoothukudi

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Condition Of Sample : Good
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Test Commenced on : 02/06/2023
Test Completed on : 05/06/2023
Environmental Condition : 21.7°C

The test result of sample received as follows

Sl.No	BACTERIOLOGICAL EXAMINATION:	Sample No. 2022/MDU/B139 Result	BIS 10500-2012
			Max Limit
1	Fecal coliform CFU/100ml	Nil	Nil/100 ml

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

Result: The given water sample is chemically potable and bacteriologically not contaminated.

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S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	Appearance	Physical observation	--	Turbid	-	-
2	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
3	Odour	IS 3025 Part 5 : 1983	--	None	-	-
4	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0.3	1	5
5	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	318	500	2000
6	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	467	-	-
7	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
8	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	24	75	200
9	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	8	30	100
10	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	50	-	-
11	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	8	-	-
12	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.0	0.3	1
13	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
14	Ammonia	APHA 17th Edition-1989- 4500 NH3C	mg/L	0	0.5	0.5
15	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500- NO2 B	mg/L	0	-	-
16	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P-D	mg/L	0.00	-	-
17	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.60	-	-
18	Residual Chlorine as RC	IS/APHA	mg/L	0.0	0.2	1

....Report continue.....

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