



# TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

## DISTRICT WATER TESTING LABORATORY

Asaripallam Medical College Road, Post Office Upstair,  
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### TEST REPORT

Doc.No: DWTL/FORM/7.8/01

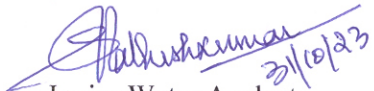
Test Report No: 47469-47474

Report Issue Date : 31.10.2023

Invoice Details: 10185/Dt.25.10.2023/Rs.4,956/-

S.No	Parameters	Test Method	Unit	Result			Specification as per IS 10500 : 2012	
8	Appearance	Physical observation	--	Clear	Clear	Clear	-	-
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Colourless	Colourless	Agreeable	Agreeable
10	Odour	IS 3025 Part 5 : 1983	--	None	None	None	-	-
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	0	0	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	53	45	46	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	81	68	69	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	0	0	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	4	6	4	75	200
16	Magnesium	APHA 23rd Edition 2017-3500 Mg B	mg/L	2	0	3	30	100
17	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	10	7	6	-	-
18	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	1	1	1	-	-
19	Iron	APHA 23rd Edition 2017-3500 Fe B	mg/L	0.12	0.24	0.12	0.3	1
20	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.00	0.00	0.1	0.3
21	Ammonia	APHA 17th Edition-1989-4500 NH3C	mg/L	0.12	0.04	0.12	0.5	0.5
22	Nitrite as NO <sub>2</sub>	APHA 23rd Edition 2017-4500-NO2 B	mg/L	0.01	0.01	0.01	-	-
23	Total Phosphate as PO <sub>4</sub>	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.05	0.10	0.05	-	-
24	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.16	0.24	0.16	-	-
25	Residual Chlorine as RC	IS / APHA	mg/L	0	0	0	0.2	0.2
				<b>47470</b>	<b>47472</b>	<b>47474</b>		
26	Feecal Coliform	IS / APHA	CFU / 100 ml	0	0	0	0	0

**Remarks :** The above water sample confirmed to IS 10500-2012. Drinking water specification with respect to above tested parameters. The water is chemically potable and bacteriologically safe.

  
Junior Water Analyst,  
TWAD Board, D.W.T. Lab,  
Nagercoil