

TEST WATER BEFORE TASTE



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District level Water Testing Laboratory

TWAD Board, Near New Veeranam illam, GST Road, Thindivanam - 604 002



TEST REPORT E-mail : jwalabtdm@dataone.in | Ph : 04147 - 227300

From,
K. Ananthi M.Sc,
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Tindivanam.

To
The Commissioner,
Municipality Office,
Tindivanam.

Sir,

Sub: Examination of water sample Report Furnished Reg.

The Result of analysis for the water samples received vide ref cited is finished below.

Date of Receipt:	16.04.2024	Sample I D No.	637	Municipality in Tindivanam	Types of Source: Rettanai head Works Infiltration Well Location: Gingee Road Periya Tank
Date of Testing:	16.04.2024	District	Villupuram		
BIS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result		
I. PHYSICAL EXAMINATION					
1. Appearance	-	-	clear		
2. Odour	Agreeable	Agreeable	None		
3. Turbidity NT Units	1	5	0		
4. Total dissolved Solids mg/L	500	2000	921		
5. Electrical Conductivity Micro mho/cm	-	-	1316		
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5	7.20		
7. Total Alkalinity, as CaCO ₃ mg/L	200	600	360		
8. Total Hardness as CaCO ₃ mg/L	200	600	336		
9. Calcium as Ca mg/L	75	200	76		
10. Magnesium as Mg mg/L	30	100	63		
11. Iron as Fe mg/L	0.3	0.3	0.0		
12. Manganese mg/L	0.1	0.1	0.0		
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	-		
14. Nitrite as NO ₂ mg/L	-	-	-		
15. Nitrate as NO ₃ mg/L	45	45	9		
16. Chloride as Cl mg/L	250	1000	280		
17. Fluoride as F mg/L	1.0	1.5	0.0		
18. Sulphate as SO ₄ mg/L	200	400	19		
19. Phosphate as PO ₄ mg/L	-	-	-		
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-	0.0		
21. Free residual Chlorine (ppm)	0	0	0.0		

Report : The given Water Sample is Physically and Chemically Potable.

Lab Chemist.

(out source)

K. Ananthi
Junior Water Analyst (a/c)
District Water Testing Laboratory,
Tindivanam