

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@dataonc.in | Ph : 04147 - 227300

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

To
The Commissione,
Villupuram Municipality,
Villupuram

Lr.No. 644 / DWTL/TDM Date:13.05.2024

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:	13.05.2024	Sample I D No.	644	Municipality in Villupuram	
Date of Testing:	13.05.2024	Types of Source:	Bore well	Location:	Ellischatiram
District	Villupuram	Acceptable limit	Permissible limit in the absence of alternate source	Result	
BIS 10500 : 2012		Acceptable limit	Permissible limit in the absence of alternate source	Result	
I. PHYSICAL EXAMINATION					
1. Appearance	-	-	-	clear	
2. Odour	Agreeable	Agreeable	Agreeable	None	
3. Turbidity NT Units	1	5	5	0	
4. Total dissolved Solids mg/L	500	2000	2000	711	
5. Electrical Conductivity Micro mho/cm	-	-	-	1016	
II. CHEMICAL EXAMINATION:					
6. pH	6.5-8.5	6.5-8.5	6.5-8.5	7.62	
7. Total Alkalinity. as CaCO ₃ mg/L	200	600	600	264	
8. Total Hardness as CaCO ₃ mg/L	200	600	600	328	
9. Calcium as Ca mg/L	75	200	200	99	
10. Magnesium as Mg mg/L	30	100	100	55	
11. Iron as Fe mg/L	0.3	0.3	0.3	0.0	
12. Manganese mg/L	0.1	0.1	0.1	0.0	
13. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.5	0.0	
14. Nitrite as NO ₂ mg/L	-	-	-	-	
15. Nitrate as NO ₃ mg/L	45	45	45	1	
16. Chloride as Cl mg/L	250	1000	1000	136	
17. Fluoride as F mg/L	1.0	1.5	1.5	0.0	
18. Sulphate as SO ₄ mg/L	200	400	400	31	
19. Phosphate as PO ₄ mg/L	-	-	-	0.0	
20. Tidy's Test 4 hrs. as O ₂ mg/L	-	-	-	0.0	
21. Free residual Chlorine (ppm)	0	0	0	0.0	

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

Lab Chemist.

(out source)

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

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To
The Commissione,
Villupuram Municipality,
Villupuram

Lr.No. 644 / DWTL/TDM Date: 16.05.2024

Sir,

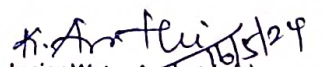
Sub: Examination of water sample Report Furnished-Reg.

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

Date of Receipt:	13.05.2024	Sample I D No. 645	Municipality In Villupuram Types of Source: Bore well Location: Pillur
Date of Testing:	13.05.2024		
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	694
5. Electrical Conductivity Micro mho/cm	-	-	992
II. CHEMICAL EXAMINATION:			
6. pH	6.5-8.5	6.5-8.5	7.72
7. Total Alkalinity, as CaCO ₃ mg/L	200	600	352
8. Total Hardness as CaCO ₃ mg/L	200	600	296
9. Calcium as Ca mg/L	75	200	102
10. Magnesium as Mg mg/L	30	100	47
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	0.0
14. Nitrite as NO ₂ mg/L	-	-	0.0
15. Nitrate as NO ₃ mg/L	45	45	02
16. Chloride as Cl mg/L	250	1000	112
17. Fluoride as F mg/L	1.0	1.5	0.0
18. Sulphate as SO ₄ mg/L	200	400	30
19. Phosphate as PO ₄ mg/L	-	-	0.0
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 & Chemically and Bacteriologically is Potable.


Lab Chemist.


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(out source)