

# TEST WATER BEFORE TASTE



## TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

### District Level Water Testing Laboratory

TWAD Board, Maduranthagam District Laboratory, JJM TWAD BOARD, Inside the  
Village Panchayat Union Office  
Maduranthakam, Tamil Nadu 603306

#### TEST REPORT

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From  
Junior Water Analyst (a/c),  
District Water Testing Laboratory,  
Maduranthagam.  
Sir,

To : Shree Niketan School  
Vengambakkam,  
East Tambaram, Chennai -600126

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:	04/6/2025	Sample ID No. 614	Light workers Academy (Tap water)
Date of Testing:	10/6/2025		
District	Chengalpattu		
BIS 10500: 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result
1. 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	84
5. Electrical Conductivity Micro mho/cm	-	-	
II. CHEMICAL EXAMINATION:			
6. pH	6.5-8.5	6.5-8.5	7.0
7. Total Alkalinity, as CaCO <sub>3</sub> mg/L	200	600	20
8. Total Hardness as CaCO <sub>3</sub> mg/L	200	600	30
9. Calcium as Ca mg/L	75	200	5
10. Magnesium as Mg mg/L	30	100	1
11. Iron as Fe mg/L	0.1	0.3	0
12. Manganese mg/L	0.1	0.3	0
13. Free Ammonia as NH <sub>3</sub>	0.3	0.5	0
14. Nitrite as NO <sub>2</sub>	-	-	0
15. Nitrate as NO <sub>3</sub> mg/L	45	45	4
16. Chloride as Cl mg/L	250	1000	20
17. Fluoride as F mg/L	1.0	1.5	1.1
18. Sulphate as SO <sub>4</sub> mg/L	200	400	12
19. Phosphate as PO <sub>4</sub>	0.3	0.5	0
20. Tidy's Test 4 hrs. as O <sub>2</sub> mg/L	-	-	-
21. Free residual Chlorine (ppm)	0.2	0.3	0

Report: The given Water Sample is Physically, Chemically Potable, Proper Chlorination to be done.

K. Sindhu  
Lab Chemist.

FOR: *N. Sathya 24/06/25*  
Junior Water Analyst (a/c)  
District Water Testing Laboratory,  
Chengalpattu