

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
Maduranthagam, 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
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	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 ₃ mg/L	200	600	20
8. Total Hardness as CaCo ₃ 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 ₃	0.3	0.5	0
14. Nitrite as NO ₂	-	-	0
15. Nitrate as NO ₃ 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 ₄ mg/L	200	400	12
19. Phosphate as PO ₄	0.3	0.5	0
20. Tidy's Test 4 hrs.as O ₂ 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. Saranya P.H.
24/06/25
Junior Water Analyst (a/c)
District Water Testing Laboratory,
Chengalpattu