



TEST WATER BEFORE TASTE

Ph: 04562-246159

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
VIRUDHUNAGAR
TEST REPORT

From

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Junior Water Analyst,
TWAD Board,
District Water Testing Laboratory,
Virudhunagar.

To

Sree Sowdambika International School,
Chettikuruchi,
Aruppukottai.

Sir,

Lr No : 4584 to B.4585/JWA/DWTL/VNR/2026/ Dt :30.01.2026

Sub : Examination of Water sample- report -furnished - reg.

Ref : I) T.O Invoice No.457/Dt :28.01.2026 for Rs.1,652/-

The result of analysis for the samples sent under reference is furnished below.

Source : Ro Water

Date of Collection : 28.01.2026

Location : Above Address

Date of Receipt : 28.01.2026

I.PHYSICAL EXAMINATION:	BIS Limit: (10500: 2012)		Lab No
	Acceptable limit	Permissible limit in the absence of alternative source	4584 (1)
1. Appearance	-	-	Clear
2. Colour (pt.co-scale)	5	15	Colourless
3. Odour	Unobjectionable		None
4. Turbidity NT Units	1	5	0
5. Total diss. Solids mg/l	500	2000	26
6. Electrical Conductivity Micro mho/cm	-	-	47
II.CHEMICAL EXAMINATION:			
7. pH	6.5-8.5	6.5-8.5	6.52
8. Ph. Alkalinity as CaCO ₃	-	-	0
9. Total Alk. as CaCO ₃	200	600	8
10. Total Hardness as CaCO ₃	200	600	6
11. Calcium as Ca	75	200	2
12. Magnesium as Mg	30	100	0.7
13. Sodium as Na	-	-	10
14. Potassium as K	-	-	5
15. Iron as Fe	0.3	1.0	0
16. Manganese	0.1	0.3	0
17. Free Ammonia as NH ₃	0.5	0.5	0
18. Nitrite as NO ₂	0.5	0.5	0
19. Nitrate as NO ₃	45	45	0.1
20. Chloride as Cl	250	1000	10
21. Fluoride as F	1.0	1.5	0.30
22. Sulphate as SO ₄	200	400	1.2
23. Phosphate as PO ₄	0.5	0.5	0
24. Tidy's Test 4 hrs as O ₂	-	-	0
25. Residual Chlorine as RC	0.2	0.5	0
III.BACTERIOLOGICAL EXAMINATION:			B.4585
26. Faecal coliform per 100 ml	0	0/100 ml	0

Result: The given water Sample are chemically potable and Bacteriologically Safe.

Proper chlorination should be done regularly before the water supply is effected.

(4gm of Bleaching powder is added to the 1000 Litres of water).

Junior Water Analyst,
TWAD Board,

District Water Testing Laboratory,
Virudhunagar.

Note : All the Chemical Parameters are Expressed in mg/L.