



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Manjalneerkayal, Palayakayal - 628 152.

Thoothukudi Dist.

TEST REPORT

From

R. Vinoth Kumar, B.Sc.,
Junior Water Analyst (a/c), TWAD Board,
District Water Testing Laboratory,
Manjalneerkayal, Thoothukudi.

To

Kamarajar School,
Nalumavadi - 628 211,
Thoothukudi District.

Lr No 50354 - 50355 / F.Report/TWA/DWTL/MNKayal/2026-2027/ Dt.19.08.2026

Sir,

Sub : Examination of Water Sample report -furnished - reg.**Ref :** 1. Your Lr.No. Nil Dt.17.08.2026

2. T.O Invoice No.1152/ Dated 17.08.2026 for Rs.1652/-

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

Scheme : Private.**Source :** Ro Water

Date of Collection : 17.08.2026

Location : Principal Room Near

Date of Receipt : 17.08.2026

BIS 10500 : 2012 PHYSICAL EXAMINATION.	I.	Acceptable limit	Permissible limit in the absence of alternate source	Result
				50354
1. Appearance		-	-	Clear
2. Colour (pt.co-scale)		5	15	Clourless
3. Odour		Agreeable	Agreeable	None
4. Turbidity NT Units		1	5	0.0
5. Total dissolved Solids mg/L		500	2000	17
6. Electrical Conductivity Micro mho/cm		-	-	27
II.CHEMICAL EXAMINATION:				-
7. pH		6.5-8.5	6.5-8.5	6.62
8. Ph. Alkalinity as CaCO ₃ mg/L		-	-	-
9. Total Alkalinity. as CaCO ₃ mg/L		200	600	4
10. Total Hardness as CaCO ₃ mg/L		200	600	6
11. Calcium as Ca mg/L		75	200	1
12. Magnesium as Mg mg/L		30	100	1
13. Sodium as Na mg/L		-	-	2
14. Potassium as K mg/L		-	-	1
15. Iron as Fe mg/L		0.3	1.0	0
16. Manganese mg/L		0.1	0.3	0
17. Free Ammonia as NH ₃ mg/L		0.5	0.5	0
18. Nitrite as NO ₂ mg/L		-	-	0
19. Nitrate as NO ₃ mg/L		45	45	0
20. Chloride as Cl mg/L		250	1000	6
21. Fluoride as F mg/L		1.0	1.5	0.0
22. Sulphate as SO ₄ mg/L		200	400	0
23. Phosphate as PO ₄ mg/L		-	-	0
24. Tidy's Test 4 hrs.as O ₂ mg/L		-	-	0.00
25. Residual Chlorine mg/L		0.2	1	0.00
III BACTERIOLOGICAL EXAMINATION :				B50355
1. Faecal coliforms per 100 ml		Nil/100 ml	Nil/100 ml	Nil

Report : 50354: The given water is chemically potable.**B50355:** The given Water Sample is Bacteriologically Safe.

Junior Water Analyst (a/c),
District Water Testing Laboratory,
Manjalneerkayal, Thoothukudi.