



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

Good Shepherd Model School,
3B Opp to Collectorate,
Periyanaayakupuram,
Korampallam,
Thoothukudi District.

Lr No 49148 - 49149 / F.Report / JWA / DWTL / MNK / 2025-26 / Dt. 19.06.2025

Sir,

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

Ref : 1. Your Lr.No.Nil Dt.17.06.2025

2. T.O Invoice No.745 / Dated 17.06.2025 for Rs.1652/-

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

Scheme : Private

Source : Lorry Water

Location : Korampallam

Date of Collection : 17.06.2025

Date of Receipt : 17.06.2025

BIS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result
I. PHYSICAL EXAMINATION.			49148
1. Appearance	-	-	Clear
2. Colour (pt.co-scale)	5	15	Colourless
3. Odour	Agreeable	Agreeable	None
4. Turbidity NT Units	1	5	0.0
5. Total dissolved Solids mg/L	500	2000	32
6. Electrical Conductivity Micro mho/cm	-	-	48
II. CHEMICAL EXAMINATION:			
7. pH	6.5-8.5	6.5-8.5	6.54
8. Ph. Alkalinity as CaCO ₃ mg/L	-	-	-
9. Total Alkalinity. as CaCO ₃ mg/L	200	600	15
10. Total Hardness as CaCO ₃ mg/L	200	600	11
11. Calcium as Ca mg/L	75	200	3
12. Magnesium as Mg mg/L	30	100	1
13. Sodium as Na mg/L	-	-	6
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	8
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 :			B49149
1. Faecal coliforms per 100 ml	Nil/100 ml	Nil/100 ml	Nil

Report : 49148: The given water is chemically potable.

B49149: The given Water Sample is Bacteriologically Safe.

(Signature)
24.06.25
Junior Water Analyst (a/c),
District Water Testing Laboratory,
Manjalneerkayal, Thoothukudi.