



Ph: 04630 - 275225

# TAMIL NADU WATER SUPPLY & DRAINAGE BOARD DISTRICT WATER TESTING LABORATORY THOOTHUKUDI. @ MANJALNEERKAYAL

GST No. : 33AAALT0834FBZ1

Invoice No. 4450

Date : 01/10/2020

To Sri Lalitha Vidhyalaya,  
10/125 Ramachendrapuram,  
Thoothukudi - 628103

Your Ref. No. 17.N.O: Dt 28/09/2020 GST No.:

Our Ref. No. 17.N.O: 42393-42394/ Dt: 01/10/2020

Sl.No.	Description	No. of Samples	Rate Rs.	P.	Amount Rs.	P.
	Towards the testing charges for water sample	1	1000		1000	
1.	Physical & Chemical Examination	1	400		400	
2.	Bacteriological Examination					
3.	Construction					
4.	Bleaching Powder					
5.	Alum					
6.	N.R.D.W.P. Scheme					
7.	Sewage / Waste Water	252	22		252	
	E & O.E.					
	Total Rs.				1652	

(Rupees) Thousand Six Hundred Fifty Two only

Note: Payment should be made in the form of Demand Draft drawn in favour of the Executive Engineer, TWAD Board, Maintenance Division, Thoothukudi and payable at Thoothukudi.

G. Mahalingam  
for Junior Water Analyst (TWAD Board)  
District Water Testing Laboratory  
Thoothukudi

For SRI LALITHA VIDHYALAYA

S. Chavani  
Principal

For SRI LALITHA VIDHYALAYA

V. Subashini  
Correspondent



**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD**  
**DISTRICT WATER TESTING LABORATORY**  
**Manjalneerkayal, Thoothukudi - 628 152**

From  
 J. Amala Lourdu Mary B.Sc(Spl), B.Ed.,  
 Junior Water Analyst, (a/c),  
 TWAD Board, D.W.T. Laboratory,  
 Manjalneerkayal, Thoothukudi.

To  
 Sri Lalitha Vidhyalaya,  
 10/125 Ramachandrapuram,  
 Thoothukudi-628103.

**Lr No:42393-42394-F.Report/TWA/DWTL/MNKaya/2019-20/ Dt. .09.2020.**

Sir,

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

**Ref :** 1. Your Lr.No.Dt.28.09.2020

2. T.O Invoice No. 4450/ Dated.28.09.2020 for Rs.1652/-

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

**Scheme :** Private,

**Date of Collection :** 28.09.2020

**Source :** Ro Water,

**Date of Receipt :** 28.09.2020

**Location :** 42393-42394-School Campus,

BIS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result
<b>I. PHYSICAL EXAMINATION:</b>			<b>42393</b>
1. Appearance	-	-	Clear
2. Colour	-	-	Colourless
3. Odour	Agreeable	Agreeable	None
4. Turbidity NT Units	1	5	0.0
5. Total dissolved Solids mg/L	500	2000	144
6. Electrical Conductivity Micro mho/cm	-	-	211
<b>II. CHEMICAL EXAMINATION:</b>			
7. pH	6.5-8.5	6.5-8.5	7.45
8. Ph. Alkalinity as CaCO <sub>3</sub> mg/L	-	-	-
9. Total Alkalinity, as CaCO <sub>3</sub> mg/L	200	600	76
10. Total Hardness as CaCO <sub>3</sub> mg/L	200	600	40
11. Calcium as Ca mg/L	75	200	10
12. Magnesium as Mg mg/L	30	100	4
13. Sodium as Na mg/L	-	-	25
14. Potassium as K mg/L	-	-	3
15. Iron as Fe mg/L	0.3	1.0	0.00
16. Manganese mg/L	0.1	0.3	-
17. Free Ammonia as NH <sub>3</sub> mg/L	0.5	0.5	0
18. Nitrite as NO <sub>2</sub> mg/L	-	-	0.00
19. Nitrate as NO <sub>3</sub> mg/L	45	45	8
20. Chloride as Cl mg/L	250	1000	15
21. Fluoride as F mg/L	1.0	1.5	0.2
22. Sulphate as SO <sub>4</sub> mg/L	200	400	4
23. Phosphate as PO <sub>4</sub> mg/L	-	-	0.00
24. Tidy's Test 4 hrs. as O <sub>2</sub> mg/L	-	-	0.52
<b>III BACTERIOLOGICAL EXAMINATION :</b>			<b>B42394</b>
1. Faecal coliforms per 100 ml	Nil/100 ml	Nil/100 ml	Nil

**Report 42393:** The water is chemically potable.

**B42394:** The water is bacteriologically safe.

For SRI LALITHA VIDHYALAYA

*S. Chavari*

Principal

for Junior Water Analyst (TWAD Board)  
 District Water Testing Laboratory  
 Manjalneerkayal, Thoothukudi.

For SRI LALITHA VIDHYALAYA

*V. Subashini*

Correspondent