



:- TEST WATER BEFORE TASTE :-

**TAMIL NADU WATER SUPPLY & DRAINAGE BOARD**  
**DISTRICT LEVEL WATER TESTING LABORATORY**  
 TWAD Board, No 397 ANBU NAGAR GORIMEDU SALEM-8 PIN 636 008  
**TEST REPORT** Ph: 0427-2405687

From  
 Er. N.Venkatachalam M.Tech.,  
 Assistant Executive Engineer  
 TWAD Board  
 Salem Namakkal Circle  
 Salem

To  
 JAIRAM PUBLIC SCHOOL  
 Chinnathirupathy ( post )  
 Salem - 636 008

**Lr.No: 56907 -56908/AEE/TWAD Lab/Slm/2020/Dated: 12.12.20**

Sir,

Sub: Examination of water sample - Report furnished - Reg.  
 Ref : 1) Letter dated: 11.12.20  
 2) T.O Invoice No 6137 /Dt: 11.12.2020 for Rs 1652/-  
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The results of analysis for the water sample sent under reference is furnished below.

Sample No				56907
Date of Collection				11.12.20
Date of Receipt				11.12.20
Scheme				RO water
Source				Jairam public school
Location of Sampling				-
Habitation				-
Panchayat				-
Union				S.Parthasarathy
Collected by				
BIS 10500 : 2012		Acceptable limit	Permissible limit in the absence of alternate source	Result for Water sample No:
I PHYSICAL EXAMINATION				56907
1 Appearance		--	--	Clear
2 Colour (Pt.Co - scale)		5	15	Colourless
3 Odour		Agreeable	Agreeable	None
4 Turbidity NT units		1	5	0
5 Total dissolved solids, mg/L		500	2000	35
6 Electrical conductivity micro mho/cm		--	--	50
II CHEMICAL EXAMINATION				7.06
7 pH		6.5 to 8.5	6.5 to 8.5	0
8 Ph-Alkalinity as CaCO <sub>3</sub> mg/L				16
9 Total Alkalinity CaCO <sub>3</sub> mg/L		200	600	14
10 Total Hardness as CaCO <sub>3</sub> mg/L		200	600	4
11 Calcium as Ca mg/L		75	200	2
12 Magnesium as Mg mg/L		30	100	3
13 Sodium as Na mg/L		--	--	0
14 Potassium as K mg/L		--	--	0.00
15 Iron as Fe mg/L		0.3	1.0	0.00
16 Manganese as Mn mg/L		0.1	0.3	0.00
17 Free Ammonia as NH <sub>3</sub> mg/L		0.5	0.5	0.00
18 Nitrite as NO <sub>2</sub> mg/L		--	--	0.00
19 Nitrate as NO <sub>3</sub> mg/L		45	45	1
20 Chloride as Cl mg/L		250	1000	5
21 Fluoride as F mg/L		1	1.5	0.2
22 Sulphate as SO <sub>4</sub> mg/L		200	400	1
23 Phosphate as PO <sub>4</sub> mg/L		--	--	0.00
24 Tidy's Test 4hrs as O <sub>2</sub> mg/L		--	--	0.04
25 Free residual chlorine mg/L		0.2	1.0	0.0
III BACTERIOLOGICAL EXAMINATION				56908
1 Fecal coliform (colonies per 100 ml)		0	0	0

**REPORT: 56907 to 56908 :** The given water sample is chemically potable and Bacteriologically not contaminated  
 Proper chlorination must be administered to maintain the residual chlorine level 0.2 mg/L at consumer end

Assistant Executive Engineer/TWAD  
 Salem Namakkal Circle / Salem