



# TAMIL NADU WATER SUPPLY & DRAINAGE BOARD

## DISTRICT LEVEL WATER TESTING LABORATORY

TWAD Board, No 116/1, Bala Arcade, Poonga Nagar, Dindigul Main Road, Thanthonimalai, Karur-639005

**TEST REPORT**

**Ph:04324-255455**

From  
Er. S.Yogaraj ME  
Assistant Engineer  
TWAD Board, DWT Lab I/c,  
Karur

To  
The Principal  
Chettinad Vidhya Mandir, Chettipalayam  
Pulliyur  
Karur District

Lr.No: 34917-34920 /JWA/TWAD Lab/ KRR/2020/Dated: 07.01.2021

Sir,

Sub: Examination of water sample - Report furnished - Reg.

1) T.O Invoice No. 4822 /dt 30.12.2020 Rs 3304/-

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

Sample No	34917-34918	34919-34920		
Date of Collection	30.12.2020	30.12.2020		
Date of Receipt	30.12.2020	30.12.2020		
Scheme	Chettinad Vidhya Mandir, Chettipalayam			
Source	Raw Water	R.O.		
Location of Sampling	Chettinad Vidhya Mandir, Inside Campus			
Habitation	Chettipalayam			
Panchayat	Pulliyur			
Union	K.R.Puram			
Collected by	V.Periyasamy			
BIS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result for Water sample No:	
I PHYSICAL EXAMINATION			34917	34919
1 Appearance	--	--	Clear	Clear
2 Colour (Pt.Co - scale)	5	15	Colourless	Colourless
3 Odour	Agreeable	Agreeable	None	None
4 Turbidity NT units	1	5	0	0
5 Total dissolved solids, mg/L	500	2000	437	32
6 Electrical conductivity micro mho/cm	--	--	625	45
II CHEMICAL EXAMINATION				
7 pH	6.5 to 8.5	6.5 to 8.5	8.00	8.20
8 Ph-Alkalinity as CaCO <sub>3</sub> mg/L			0	0
9 Total Alkalinity CaCO <sub>3</sub> mg/L	200	600	112	5
10 Total Hardness as CaCO <sub>3</sub> mg/L	200	600	96	16
11 Calcium as Ca mg/L	75	200	22	4
12 Magnesium as Mg mg/L	30	100	10	2
13 Sodium as Na mg/L	--	--	90	0
14 Potassium as K mg/L	--	--	18	0
15 Iron as Fe mg/L	0.3	0.3	0.06	0.00
16 Manganese as Mn mg/L	0.1	0.3	0.00	0.00
17 Free Ammonia as NH <sub>3</sub> mg/L	0.5	0.5	0.01	0.00
18 Nitrite as NO <sub>2</sub> mg/L	--	--	0.00	0.00
19 Nitrate as NO <sub>3</sub> mg/L	45	45	3	0
20 Chloride as Cl mg/L	250	1000	144	11
21 Fluoride as F mg/L	1	1.5	0.2	0.0
22 Sulphate as SO <sub>4</sub> mg/L	200	400	19	0
23 Phosphate as PO <sub>4</sub> mg/L	--	--	0.01	0.00
24 Tidy's Test 4hrs as O <sub>2</sub> mg/L	--	--	0.08	0.00
25 Free residual chlorine mg/L	0.2	1.0	0.0	0.0
III BACTERIOLOGICAL EXAMINATION			34918	34920
1 Fecal coliform (colonies per 100 ml)	0	0.0	0	0

REPORT: 34917-34920 The water is Physically, chemically Potable and Bacteriological Not Contaminated

Proper chlorination must be administered to maintain the residual chlorine level 0.2 mg/L at consumer end.

*(Signature)*  
7.1.21

*(Signature)*  
7.1.21  
Assistant Engineer  
TWAD Board, DWT Lab I/c.