



TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District Level Water Testing Laboratory

TWAD Board, No. 465, Bharathiyar Complex, Avinashi Road, Tiruppur - 641 602.

TEST REPORT

Ph : 0421 - 2245201

From
Er.C.Vani, M.E.,
Junior Water Analyst,A/c.,
TWAD Board, DWT Lab,
Tiruppur.
(AE (M)/ O/o SE/ETKC/Erode)

To
M/s. KMC Public Senior Secondary School,
KMC Gardens, Kanakkampalayam main road,
Perumanallur,
Tiruppur - 641 666.

Lr.No: 710-711/AE/TWAD Lab/TPR/2019/Dated: 13.01.2020

Sir,

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

Ref : 1) Your Lr.No: Nil/Dt:10.01.2020

2) T.O Invoice No.2453/Dt:10.01.2020 for Rs.1,652/-

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

Sample No		710/711	
Date of Collection		10.01.20	
Date of Receipt		10.01.20	
Scheme		Private	
Source		Bore well	
Location of Sampling		RO water at M/s. KMC Public Senior Secondary School	
Habitation		Private	
Panchayat		Perumanallur	
Union		Tiruppur	
Collected by		Thiru. B.Sathya	
BIS 10500 : 2012		Acceptable limit	Permissible limit in the absence of alternate source
I	PHYSICAL EXAMINATION		Result for Water sample No: 710
1	Appearance	--	Clear
2	Colour (Pt.Co - scale)	5	Colourless
3	Odour	Agreeable	None
4	Turbidity NT units	1	0
5	Total dissolved solids, mg/L	500	138
6	Electrical conductivity micro mho/cm	--	197
II	CHEMICAL EXAMINATION		
7	pH	6.5 to 8.5	6.60
8	Ph-Alkalinity as CaCO ₃ mg/L		0
9	Total Alkalinity CaCO ₃ mg/L	200	20
10	Total Hardness as CaCO ₃ mg/L	200	46
11	Calcium as Ca mg/L	75	15
12	Magnesium as Mg mg/L	30	2
13	Sodium as Na mg/L	--	NT
14	Potassium as K mg/L	--	NT
15	Iron as Fe mg/L	0.3	0.00
16	Manganese as Mn mg/L	0.1	0.00
17	Free Ammonia as NH ₃ mg/L	0.5	0.00
18	Nitrite as NO ₂ mg/L	--	0.00
19	Nitrate as NO ₃ mg/L	45	15
20	Chloride as Cl mg/L	250	47
21	Fluoride as F mg/L	1	0.1
22	Sulphate as SO ₄ mg/L	200	2
23	Phosphate as PO ₄ mg/L	--	0.00
24	Trity's Test 4hrs as O ₂ mg/L	--	NT
25	Free residual chlorine mg/L	0.2	NT
III	BACTERIOLOGICAL EXAMINATION		711
1	Fecal coliform (colonies per 100 ml)	0	0

REPORT:710/711: The water is *chemically potable* and *bacteriologically not contaminated*.

M. S. Sathya
 Junior Water Analyst,A/c.,
 TWAD Board, DWT Lab,
 Tiruppur.
 (AE (M)/ O/o SE/ETKC/Erode)