

18/5/17



**DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE
CHIEF WATER ANALYST'S LABORATORY, COIMBATORE - 18.**

From
Tmt. R. Malarvizhi, M.Sc., M.Ed.,
Chief Water Analyst, (i/c),
219, Race Course Road,
Coimbatore- 641 018.

To
Sree Saraswathi Thyagaraja College,
Thippampatti,
Pollachi - 642 107,
Coimbatore District.

R.No.0393/A3/2017 (128) CWA/CBE, M.109,
Dated: 11.5.2017.



Sir,

Sub: Report on Examination of water sample from
Sree Saraswathi Thyagaraja College, Thippampatti,
Pollachi - 642 107, Coimbatore District. Collected on 26.4.2017.


A sample of water stated to have been collected on 26.4.2017 from Water Purifier Outlet at Main block, Sree Saraswathi Thyagaraja College, Thippampatti, Pollachi - 642 107, Coimbatore District (Source : Panchayat Supply - Ambarampalayam CWSS) by Thiru. T. Venkateswara Moorthy, Office Assistant was received at this laboratory on the same day from Sree Saraswathi Thyagaraja College, Thippampatti, Pollachi, Coimbatore to assess its suitability for drinking purpose.

The results of analysis are furnished overleaf.

The sample of water is colourless and clear in physical appearance.

The Chemical analysis reveals that, the water is very soft. Judged by the results of analysis, it is of satisfactory chemical and bacteriological quality for drinking purpose.

However, it is advised that, the water purifier should be maintained periodically as per the suppliers manual to get hygienically safe water.


CHIEF WATER ANALYST, (I/C)
COIMBATORE

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12.5.2017

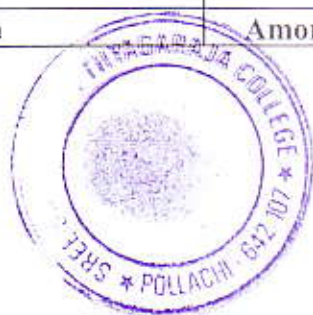



12/5/17

**DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE
CHIEF WATER ANALYST'S LABORATORY, COIMBATORE-641018**

RESULTS OF EXAMINATION OF SAMPLES OF WATER

Samples from	M/s Sree Saraswathi Thyagaraja College, Thippampatti, Pollachi - 642 107.		
Collected by	Thiru. T. Venkateswara Moorthy, Office Assistant.		
Date of collection:	26.4.2017		
Date of Receipt :	26.4.2017		
	M 109		
Source as per Label	Water Purifier outlet @ Ground floor, Main block, Sree Saraswathi Thyagaraja College, Thippampatti, Pollachi - 642 107. Source : Panchavat water (Ambarampalayam CWSS)		
Bacteriological Examination			
Plate count per ml. on agar at 37 ^o .C-24 hrs	50		
MPN of Coliform bacteria/100ml	0		
Nature of Coliform bacteria isolated			
Results of Vibrio test			
Physical Examination			
Colour	Colorless		
Turbidity	1		
Smell	None		
Chemical Examination(in mg/l)			
Total solids	150		
Carbonate Hardness (as CaCO ₃)	65		
Non-carbonate Hardness(as CaCO ₃)	10		
Total Hardness (as CaCO ₃)	75		
Calcium Hardness (as CaCO ₃)	58		
Magnesium Hardness (as CaCO ₃)	17		
Chloride (as Cl)	18		
Ammonia cal Nitrogen (as N)	0.03		
Albuminoid Nitrogen (as N)	-		
Oxygen absorbed(Tidys test) in 4 hrs	0.24		
Nitrate nitrogen	3		
Acidity/Alkalinity } Phenolphthalein	0		
as CaCO ₃ } Methyl Orange	65		
Fluoride (as F)	0.1		
pH value	7.1		
Total Iron (as Fe)	0.05		
Manganese (as Mn)	0		
Qualitative Tests			
Nitrite Nitrogen	Trace		
Sulphate	Trace		
Phosphate	Trace		
Toxic Substance	-		
Electrical conductivity(Reciprocal megohms per cm at 20°C)	200		
Microscopical Examination	Amorphous Matter		



J.G. 12/5/17
 CHIEF WATER ANALYST, I/c
 COIMBATORE.18.
(Handwritten signature in blue ink)
 12/5/17