



**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,
219, Race Course Road,
Coimbatore 641 018.
Ph.No: 0422-2221542,
E.mail: cwadph.cbe@gmail.com.

To

Sri Chaitanya Techno School,
No.11, Dr.Nanjappa Street,
Gandhipuram,
Coimbatore - 641 018.

R.No. 0779/ A3 / 2024 (413) CWA/CBE, M.153

Dated:12.04.2024.

Sir,

Sub: Report on Examination of water sample from Sri
Chaitanya Techno School, No.11, Dr.Nanjappa Street,
Gandhipuram, Coimbatore, Collected on 03.04.2024.

A sample of water stated to have been collected on 03.04.2024 from the 20 litre Can at Sri Chaitanya Techno School, No.11, Dr.Nanjappa Street, Gandhipuram, Coimbatore, Source: Packaged drinking water (Batch No.2, Mfr.Date: 02.04.2024 & Exp Date: 01.05.2024), by Thiru. R.R.Santhosh, Administrative Officer was received at this laboratory on the same day from the above addressee 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.

Judged by the results of analysis, it is of satisfactory bacteriological quality for drinking.

But the Chemical analysis reveals that, it is very soft. The total hardness content is only 12 mg/l. The Calcium and Magnesium are almost removed from this water. The Calcium and Magnesium are very essential minerals for healthy living of human beings. Consumption of water having very low content of Calcium and Magnesium for a prolonged time will be deleterious to the health of the consumers.

Hence, it is advised that, the supplier of the packaged water should be contacted immediately along with a copy of this report to set right in such a way that, the water contains atleast a minimum 30 mg/l of total hardness, so as to have some amount of Calcium and Magnesium which are very essential minerals for a healthy life.

However, this report is pertinent to this batch only. It should not be used for other batch.

12/4/24
**CHIEF WATER ANALYST,
COIMBATORE-18.**

Copy to Lab / File

12/4/24

12/04/24

DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE			
CHIEF WATER ANALYST'S LABORATORY, COIMBATORE-641018			
RESULTS OF EXAMINATION OF SAMPLES OF WATER			
Samples from	Sri Chaitanya Techno School, No.11, Dr.Nanjappa Street, Gandhipuram, Coimbatore - 641 018.		
Collected by	Thiru.R.R.Santhosh, Administrative Officer		
Date of collection:	03.04.2024		
Date of Receipt :	03.04.2024		
	M.153		
Source as per Label	Water from 20 litre Can at Sri Chaitanya Techno School, No.11, Dr.Nanjappa Street, Gandhipuram, Coimbatore		
Source	Packaged Drinking water (Batch No.02, Mfr.Date : 02.04.2024, Exp Date : 01.05.2024)		
Bacteriological Examination			
Plate count per ml.on agar at 37 ^o .C-24 hrs	15		
MPN of Coliform bacteria/100ml	0		
Nature of Coliform bacteria isolated			
Results of Vibrio test			
Physical Examination			
Colour	Colourless		
Turbidity	1		
Smell	None		
Chemical Examination(in mg/l)			
Total solids	65		
Carbonate Hardness (as CaCO ₃)	12		
Non-carbonate Hardness(as CaCO ₃)	0		
Total Hardness (as CaCO ₃)	12		
Calcium Hardness (as CaCO ₃)	6		
Magnesium Hardness (as CaCO ₃)	6		
Chloride (as Cl)	11		
Ammonia cal Nitrogen (as N)	0		
Albuminoid Nitrogen (as N)	-		
Oxygen absorbed(Tidys test) in 4 hrs	0.12		
Nitrate nitrogen as N	0.5		
Acidity/Alkalinity} Phenolphthalein	0		
as CaCO ₃ } Methyl Orange	22		
Fluoride (as F)	0.1		
pH value	6.5		
Total Iron (as Fe)	0		
Manganese (as Mn)	0		
Qualitative Tests			
Nitrite Nitrogen	Trace		
Sulphate	Trace		
Phosphate	Trace		
Toxic Substance			
Electrical conductivity(Reciprocal megohms per cm at 20°C)	90		
Microscopical Examination	Amorphous Matter		

CHIEF WATER ANALYST,
COIMBATORE-18.

5881
12/4/24

20.8211
12/04/24