



DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE
Regional Public Health Water Analysis Laboratory, Tiruchirappalli-20.

From
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To
The Correspondent,
Amala School,
Thuraiyur Road, Musiri,
Trichy- 621211.
Email:amalaschool.2004@gmail.com

R.No.1048/A3/2025/CWA/TRY/Misc-206, Dated: 29.12.2025

Sir,

Sub: Report on examination of water sample from the Amala School,
Thuraiyur Road, Musiri, Trichy - Collected on 16.12.2025.

Ref: Letter, dated.15.12.2025 of the Correspondent, Amala School,
Thuraiyur Road, Musiri, Trichy- 621211.

A sample of water stated to have been collected on 16.12.2025 by Thiru. Marudhu Pandian, PET Master from the tap near backside of the gate, Amala School, Musiri, Trichy, Source: Cauvery river water was received at this laboratory on the same day from the 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 satisfactory of chemical, bacteriological and biological quality for drinking purposes.

The Sump/OHT should be cleaned with strong solution of Bleaching powder periodically, atleast once in a month to ensure the hygienic safety of drinking water storage units.

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29/12/25
for Chief Water Analyst I/C,
Regional Public Health Water Analysis
Laboratory, Tiruchirappalli-20.

Copy to: Lab & File

29/12/25

RESULTS OF EXAMINATION OF SAMPLES OF WATER
 From: The Amala School, Thuraiyur Road, Musiri, Trichy

Collected by:- Thiru. Marudhu Pandian, PET Master

Date of collection	16.12.2025				
Date of Receipt	16.12.2025				
Sample Number	M- 206				
Source as per label	Tap near backside of the gate Source: Cauvery river water				
Bacteriological Examination					
Total colonies per ml. On agar at 37°C	0				
MPN of Coliform bacteria per 100ml.	0				
Nature of Coliform Bacteria Isolated					
Results of Vibrio Test					
Physical Examination					
Colour	Colourless				
Turbidity	5				
Smell	Chlorinous (0.5 mg/l)				
Chemical Examination (mg/l)					
Total solids	360				
Carbonate hardness as CaCO ₃	160				
Non-Carbonate hardness as CaCO ₃	0				
Total hardness as CaCO ₃	160				
Chlorides as Chlorine	64				
Ammoniacal nitrogen	--				
Albuminoid nitrogen	--				
Oxygen absorbed (Tidy's test)	0				
Nitrate -nitrogen	1.0				
Acidity/Alkalinity Phenolphthalein sCaCO ₃ Methyl Orange	0 220				
Fluoride as Fluorine	0.1				
pH Value	7.4				
Iron as Fe	0.05				
Ferrous	--				
Manganese as Mn.	--				
Qualitative	--				
Nitrite nitrogen	Nil				
Sulphate	Trace				
Phosphate	Trace				
Toxic substance	--				
Electrical conductivity (Reciprocal megohms per cm ³ at 25 C)	520				
Microscopical Examination	Amorphous matter				