



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

From

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To

GRD Public School,  
SF No.450/1, Avanashi Road,  
Civil Aerodrome Post,  
Coimbatore - 641 014.

**R.No. 0896 / A3 / 2024 (484) CWA/CBE, M.175**

**Dated: 29.04.2024.**

Sir,

**Sub:** Report on Examination of water sample from GRD Public School, SF No.450/1, Avanashi Road, Civil Aerodrome Post, Coimbatore, Collected on 22.04.2024.

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A sample of water stated to have been collected on 22.04.2024 from the tap near 9<sup>th</sup> standard classroom, GRD Public School, SF No.450/1, Avanashi Road, Civil Aerodrome Post, Coimbatore, source: Pillur Water - Coimbatore Corporation Supply, by Thiru. R.Rajendran, Admin. Manager 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 Chemical and bacteriological quality for drinking.

However the Sump / OHT should be cleaned atleast once in a month to maintain the hygienic status.

16-29/4/24

**CHIEF WATER ANALYST,  
COIMBATORE - 18.**

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

Samples from	GRD Public School, SF No.450/1, Avanashi Road, Civil Aerodrome Post, Coimbatore - 641 014.		
Collected by	Thiru.R.Rajendran, Admin.Manager		
Date of collection:	22.04.2024		
Date of Receipt :	22.04.2024		
	<b>M. 175</b>		
Source as per Label	Tap near 9th standard classroom at GRD Public School, SF No.450/1, Avanashi Road, Civil Aerodrome Post, Coimbatore		
Source :	Pillur Water - Coimbatore Corporation Supply		
<b>Bacteriological Examination</b>			
Plate count per ml.on agar at 37 <sup>o</sup> .C-24 hrs	10		
MPN of Coliform bacteria/100ml	0		
Nature of Coliform bacteria isolated			
Results of Vibrio test			
<b>Physical Examination</b>			
Colour	Colourless		
Turbidity	1		
Smell	None		
<b>Chemical Examination(in mg/l)</b>			
Total solids	80		
Carbonate Hardness (as CaCO <sub>3</sub> )	22		
Non-carbonate Hardness(as CaCO <sub>3</sub> )	2		
Total Hardness (as CaCO <sub>3</sub> )	24		
Calcium Hardness (as CaCO <sub>3</sub> )	16		
Magnesium Hardness (as CaCO <sub>3</sub> )	8		
Chloride (as Cl)	12		
Ammoniacal Nitrogen (as N)	0		
Albuminoid Nitrogen (as N)			
Oxygen absorbed(Tidys test) in 4 hrs	0.20		
Nitrate nitrogen as N	1		
Acidity/Alkalinity } Phenolphthalein as CaCO <sub>3</sub> } Methyl Orange	0 22		
Fluoride (as F)	0.1		
pH value	6.8		
Total Iron (as Fe)	0.05		
Manganese (as Mn)	0		
<b>Qualitative Tests</b>			
Nitrite Nitrogen	Trace		
Sulphate	Trace		
Phosphate	Trace		
Toxic Substance			
Electrical conductivity(Reciprocal megohms per cm at 20°C)	115		
Microscopical Examination	Amorphous Matter		

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