


SANITARY CERTIFICATE FOR THE EDUCATIONAL INSTITUTION

(Tamil Nadu Public Health Act III of 1939)

CERTIFICATE

YEAR: 2020 -2021

I hereby declare that I have caused to be inspected the St.Mary's Central School, Kaliyal,P.o Vilavancode Taluk, Kanyakumari District Building and premises on 02-12-2020 and Certify that the accommodation provided for each of the several classes is sufficient for the maximum number of pupils thought is maintained in substantial repair, that it is neat and clean and the latrine arrangements are adequate and satisfactory, that the supply of drinking water is wholesome and that in all other necessary respects the Sanitation is Satisfaction.



BLOCK HEALTH SUPERVISOR
Govt. Primary Health Centre
Edaicode
Kanyakumari District

K.Dis.N0:8837/A4/2020 Office of the Deputy Director of Health Services, Nagercoil

Dated: 14.12.2020



COUNTERSIGNED


Deputy Director of Health Services
Nagercoil.

To
The Correspondent,
St.Mary's Central School,
Kaliyal,Post.
Copy to:
The Block Health Supervisor
Govt.Primary Health centre, Edaicode Post.



**DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE
REGIONAL PUBLIC HEALTH WATER ANALYSIS LABORATORY, TIRUNELVELI-11**

From

Tmt.R.Malarvizhi, M.Sc., M.Ed.,
Chief Water Analyst (i/c),
Regional Public Health Water
Analysis Laboratory,
Tirunelveli-627011.

To

The Principal,
St. Mary's Central School,
Kaliyal,
Kanyakumari - 629101.

R.No.482/L/2019/CWA/Tvl/M.171, Dated:6.08.2019.

Sir,

Sub: Report on Examination of water sample from St. Mary's
Central School, Kaliyal, Kanyakumari (Dt), Collected on
31.07.2019.

A sample of water stated to have been collected on 31.07.2019 from the R.O unit outlet near office room at St. Mary's Central School, Kaliyal, Kanyakumari District (Source: Covered well) by Thiru.R.Victor Raja, Principal, was received at this laboratory on the same day 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, it is soft and mineralized. Though, it is of satisfactory quality for drinking, the total hardness is 28 mg/l. The calcium and magnesium are almost removed from this water. Calcium and Magnesium are very essential minerals for healthy living of human beings. Consumption of such low content of Calcium and Magnesium water for a prolonged time will be deleterious to the health of the consumers.

It is advised that, the supplier of the R.O unit may be contacted immediately to set right the R.O unit in such a way that, the outlet water should contains at least a minimum content of total hardness (30 mg/l) so as to have some amount of Calcium and Magnesium which are very essential for a healthy life.

It is of satisfactory bacteriological quality for drinking.

The RO unit should also be maintained periodically as per the supplier's manual to get hygienic safe water at all times.

for **Chief Water Analyst (i/c),
Regional Public Health Water
Analysis Laboratory, Tirunelveli-11.**

Copy to
Lab/File

7.08.19

DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE
REGIONAL PUBLIC HEALTH WATER ANALYSIS LABORATORY, TIRUNELVELI-11
RESULTS OF EXAMINATION OF SAMPLES OF WATER

Samples from :	St. Mary's Central School, Kaliyal, Kanyakumari (Dt).			
Collected by :	Thiru.R.Victor Raja, Principal.			
Date of collection :	31.07.2019.			
Date of Receipt :	31.07.2019.			
	M.171			
Source as per label	RO unit outlet water near office room (Source: Covered well)			
Bacteriological Examination				
Total count per ml.on agar at 37°C	0			
MPN of Coliform bacteria/100 ml	0			
Rapid test for E.Coli-I				
Results of Vibrio test				
Physical Examination				
Colour	Colourless			
Turbidity (NTU)	4			
Smell	None			
Chemical Examination (in mg/l)				
Total Dissolved solids	90			
Carbonate Hardness (as CaCO ₃)	20			
Non-carbonate hardness(as CaCO ₃)	8			
Total Hardness (as CaCO ₃)	28			
Chloride (as Cl)	28			
Ammoniacal Nitrogen (as N)	-			
Albuminoid Nitrogen (as N)	-			
Oxygen absorbed (Tidys test)	0.32			
Nitrate Nitrogen	0			
Acidity/Alkalinity } Phenolphthalein as CaCO ₃ } Methyl Orange	0 20			
Fluoride (as F)	0.1			
PH value	7.1			
Total Iron (as Fe)	0			
Ferrous	-			
Manganese (as Mn)	-			
Qualitative Tests:				
Nitrite Nitrogen	Trace			
Sulphate	Trace			
Phosphate	Trace			
Toxic Substance	-			
Electrical conductivity(Reciprocal megohms per cm at 20°C)	130			
Microscopical Examination	Amorphous Matter			