COMMUNITY HEALTH CENTRE MUHAMMA, ALAPPUZHA (Dist.), KERALA STATE

Ref No. 526/2021

Date: 6-68-2021

SANITATION CERTIFICATE

Certified that I have personally inspected the K.E.CAEMEL CENTRAL SCHOOL & Jr.

COLLEGE Muhamma, Alappuzha, Kerala and the Sanitation, Safe drinking water facilities

On inspection are found satisfactory.

This certificate is issued to produce exclusively for their affliation renewal.

PLACE: MUHAMMA

DATE: 6. 8. 2021

CONTROL OF THE PROPERTY OF THE

THE SUPERMENT OF THE REPORT OF THE PARTY OF

KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY ALAPPUZHA

Report on analysis of WATER

Date: 13.07.2021

Name: Principal, K E Carmel Central School, Muhamma P.O, Alappuzha

Date of Receipt : 08.07.2021 Date of Testing : 08.07.2021

Date of Testing : 08.07.2021							
SI. Characteristics	Unit	Desirable	r IS Permissible limits	Actual contents			
				Sampling points			
		10500:2012		1			
Tuchidin (NTII)	NTU	1	5	0.1			
		6.5-8.5	No relaxation	6.57			
	ns/cm			69.9			
				4.0			
Acidity .		200		16.0			
Alkalinity				BDL			
Sulphate(as SO4)	mg/litre			39.3			
Total Dissolved Solids (TDS)	mg/litre	500					
Total Hardness as (CaCo3)	mg/litre	200	600	22.0			
	mg/litre	75	200	6.412			
	mg/litre	30	100	1.458			
		250	1000	18.0			
	<u> </u>	1	1.5	BDL			
				BDL			
Iron (as Fe)				BDL			
Nitrate (as No3)							
Residual chlorine (Rc)	mg/litre	0.2	1				
	Characteristics Turbidity (NTU) PH Electrical Conductivity Acidity Alkalinity Sulphate(as SO4) Total Dissolved Solids (TDS) Total Hardness as (CaCo3) Calcium (Ca) Magnesium (Mg) Choride as (Cl) Flouride as (F) Iron (as Fe) Nitrate (as No3)	Characteristics Unit Turbidity (NTU) PH Electrical Conductivity Acidity Acidity Malkalinity Sulphate(as SO4) Total Dissolved Solids (TDS) Total Hardness as (CaCo3) Calcium (Ca) Magnesium (Mg) Choride as (Cl) Flouride as (F) Iron (as Fe) Nitrate (as No3) NTU NTU NTU NTU PS/Cm mg/litre mg/litre mg/litre mg/litre mg/litre mg/litre mg/litre	Characteristics Unit Desirable limits as per IS 10500:2012 Turbidity (NTU) PH 6.5-8.5 Electrical Conductivity Acidity Alkalinity Sulphate(as SO4) Total Dissolved Solids (TDS) Total Hardness as (CaCo3) Calcium (Ca) Magnesium (Mg) Choride as (Cl) Flouride as (F) Iron (as Fe) Nitrate (as No3) MTU 1 ANU 1 1 1 1 1 1 1 1 1 1 1 1 1	Characteristics Unit Desirable limits as per IS 10500:2012 Permissible limits Turbidity (NTU) NTU 1 5 PH 6.5-8.5 No relaxation Electrical Conductivity ps/cm Acidity mg/litre 200 600 Alkalinity mg/litre 200 400 Sulphate(as SO4) mg/litre 200 400 Total Dissolved Solids (TDS) mg/litre 500 2000 Total Hardness as (CaCo3) mg/litre 200 600 Calcium (Ca) mg/litre 75 200 Magnesium (Mg) mg/litre 30 100 Choride as (Cl) mg/litre 250 1000 Flouride as (F) mg/litre 1 1.5 Iron (as Fe) mg/litre 45 No relaxation			

Sampling points

Sample supplied by Principal, K E Carmel Central School, Muhamma P.O, Alappuzha

Remarks

Signature of Chemist

BACTERIOLOGICAL ANALYSIS

SI.	Source	CFU of coliforms in 100 ml	E- coli in 100 ml
. 1	Paul Sebastian, Anugraha R.O.Plant	ABSENT	ABSENT

Remarks:

Signature of Bacteriologist

SAMIY VAUARRES PRINCIPAL SCHOOL CENTRAL SCHOOL ALAPPUZ

HAMMA P.O. ALAT

Signature of Asst. Engineer

MANAGER

CEALMEL GENERAL SCHOOL

MUHAMMA, ALAPPUZHA

KERALA-688525