

**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

Sl. No.	Characteristics	Unit	Desirable limits as per IS 10500:2012	Permissible limits	Actual contents
					Sampling points
					1
1	Turbidity (NTU)	NTU	1	5	0.1
2	PH		6.5-8.5	No relaxation	6.57
3	Electrical Conductivity	ps/cm			69.9
4	Acidity	mg/litre			4.0
5	Alkalinity	mg/litre	200	600	16.0
6	Sulphate(as SO4)	mg/litre	200	400	BDL
7	Total Dissolved Solids (TDS)	mg/litre	500	2000	39.3
8	Total Hardness as (CaCo3)	mg/litre	200	600	22.0
9	Calcium (Ca)	mg/litre	75	200	6.412
10	Magnesium (Mg)	mg/litre	30	100	1.458
11	Choride as (Cl)	mg/litre	250	1000	18.0
12	Flouride as (F)	mg/litre	1	1.5	BDL
13	Iron (as Fe)	mg/litre	1.0	1.0	BDL
14	Nitrate (as No3)	mg/litre	45	No relaxation	BDL
15	Residual chlorine (Rc)	mg/litre	0.2	1	-

Sampling points

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

Remarks

*[Signature]*  
Signature of Chemist

**BACTERIOLOGICAL ANALYSIS**

Sl. No	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



Signature of Asst. Engineer

*[Signature]*  
FR. DR. SAMJY VADAKKEDOM CMI  
PRINCIPAL  
K. E. CARMEL CENTRAL SCH.  
MUHAMMA P.O. ALAPPUZ  
KERALA-688 525

*[Signature]*  
MANAGER  
K. E. CARMEL CENTRAL SCHOOL  
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