



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
KOTTAYAM

Report on Analysis of WATER

Test Report No : 213/20-21

Date : 03/09/2020

Name : ST. Joseph's Public School, Kunnumbhagam, Kangirappally, Kottayam
 Date of Receipt : 20/08/2020
 Date of Testing : 24/08/2020

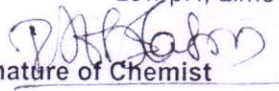
SI No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Permissible limits	Actual Contents
					Sampling Points
					1
1	Turbidity (NTU)	NTU	1	5	1.1
2	pH		6.5-8.5	No relaxation	5.25
3	Electrical Conductivity	µs/cm			29.6
4	Acidity	mg/litre			14.0
5	Alkalinity	mg/litre	200	600	18.0
6	Sulphate (as SO ₄)	mg/litre	200	400	NIL
7	Total Dissolved Solids(TDS)	mg/litre	500	2000	16.28
8	Total Hardness as (CaCO ₃)	mg/litre	200	600	18.0
9	Calcium (Ca)	mg/litre	75	200	4.80
10	Magnesium (Mg)	mg/litre	30	100	1.46
11	Chloride as (Cl)	mg/litre	250	1000	16.0
12	Fluoride as (F)	mg/litre	1	1.5	NIL
13	Iron (as Fe)	mg/litre	1	No relaxation	NIL
14	Nitrate (as NO ₃)	mg/litre	45	No relaxation	NIL

Sampling Points

1 ST. Joseph's Public School, Kunnumbhagam, Kangirappally, Kottayam

Remarks:

Low pH, Lime may be added to increase the pH.


 Signature of Chemist

BACTERIOLOGICAL ANALYSIS

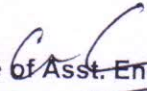
SI No.	Source	Residual Chlorine in ppm	MPN of coliforms in 100 ml	MPN of E.Coli
1	ST. Joseph's Public School, Kunnumbhagam, Kangirappally, Kottayam	NIL	75	9

Remarks:

Water is contaminated with Coliform and E.Coli bacteria. Water should be properly disinfected before use.


 Signature of Bacteriologist

Self Attested
Sanath


 Signature of Asst. Engineer

Sa. Valsamma Gohs

Health and Sanitary Certificate

I, Venugopal C N, Health Inspector do here by declare that I have inspected St. Joseph'S Public School, Kunnumbhagam, kanjirappally, Kottayam, District, Kerala on 29/09/2020. I have particularly inspected the hygiene, sanitary arrangements, and cleanliness, of the building and premises, the waste disposal system, drinking water supply system etc. of the School and direction given for fixing COTPA board and to obtain health card for kitchen worker.

On my inspection, I have convinced that the school authorities has satisfactorily carried out the instructions. Also the general hygiene, sanitary arrangement, waste disposal system, water supply system of the School are found satisfactory at present, and the premises are free from pollution.

Edayirikkapuzha

29/09/2020


വെണുഗോപൽ ഇൻസ്പെക്ടർ
Health Inspector

CHC Edayirikkapuzha

Countersigned by

(This certificate is issued to produce recognition Certificate from District Educational Officer, Kanjirappally.)

Self Attested


Ss. Valsamma John