



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL DISTRICT LABORATORY**  
**KOTTAYAM**

**Report on Analysis of WATER**

Date : 14/01/2021

Test Report No : 519/20-21

Name : ST. Sebastian's Public School, Peroor, Kottayam

Date of Receipt : 01/01/2021

Date of Testing : 12/01/2021

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Permissible limits	Actual Contents
					Sampling Points
					1
1	Turbidity	NTU	1	5	0.5
2	pH		6.5-8.5	No relaxation	6.58
3	Electrical Conductivity	µs/cm			68.9
4	Acidity	mg/litre			20
5	Alkalinity	mg/litre	200	600	10
6	Sulphate (as SO <sub>4</sub> )	mg/litre	200	400	NIL
7	Total Dissolved Solids(TDS)	mg/litre	500	2000	38.58
8	Total Hardness as (CaCO <sub>3</sub> )	mg/litre	200	600	40
9	Calcium (Ca)	mg/litre	75	200	11.22
10	Magnesium (Mg)	mg/litre	30	100	3.94
11	Chloride as (Cl)	mg/litre	250	1000	20
12	Fluoride as (F)	mg/litre	1	1.5	NIL
13	Iron (as Fe)	mg/litre	1	No relaxation	0.02
14	Nitrate (as NO <sub>3</sub> )	mg/litre	45	No relaxation	NIL

**Sampling Points**

1 ST. Sebastian's Public School, Peroor, Kottayam

Remarks:

Signature of Chemist

**BACTERIOLOGICAL ANALYSIS**

Sl No.	Source	Residual Chlorine in ppm	CFU of coliforms in 100ml	CFU of E.Coli
1	ST. Sebastian's Public School, Peroor, Kottayam	NIL	198	68

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer



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