



KERALA WATER AUTHORITY  
QUALITY CONTROL DISTRICT LAB  
KOTTAYAM

REPORT ON ANALYSIS OF WATER

Date of collection: 30.12.2019

Name of scheme. Pvt sample  
The Principal  
Santa Maria Public School  
Kooroppada  
Kottayam  
Name of source:

Sl. No.	Characteristics	Units	limits				
		As per 10500 :	IS 2012				
1.	Turbidity	NTU	1	0.2			
2.	pH		6.5 to 8.5	5.68			
3	Electrical conductivity	Micromhos/cm		76.6			
4	Acidity	mg/litre		12.0			
5	Alkalinity	mg/litre	200	12.0			
6	Sulphate (as SO <sub>4</sub> )	mg/litre	200	Nil			
7	Total dissolved solids	mg/litre	500	42.13			
8	Total hardness (as CaCO <sub>3</sub> )	mg/litre	200	16.0			
9	Calcium (Ca)	mg/litre	75	4.0			
10	Magnesium (Mg)	mg/litre	30	1.46			
11	Chloride (as Cl)	mg/litre	250	26.0			
12	Fluoride (as F)	mg/litre	1.0	Nil			
13	Iron (as Fe)	mg/litre	1.0	Nil			
14	Nitrate(as NO <sub>3</sub> )	mg/litre	45	3.43			
15	Residual Chlorine (min)	mg/litre	0.2	-			

BACTERIOLOGICAL ANALYSIS

Sl. No	Source	RCI in ppm	Coliform	E.coli	Remarks
1.	Santa Maria Public School	-	Nil	Nil	

  
Signature of Chemist

  
Signature of Asst. Engineer