



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LAB, PALAKKAD-1

Phone: 0491 - 2545550

REPORT ON ANALYSIS OF WATER

38

I. Name & Address : St Ann's Senior Secondary School, Mutikulogassa
 III. Date of Collection : 15/10/19
 IV. Sample is collected by : Pooja
 II. Date of Testing :

Specification BIS 10500:2012

Sl. No.	Characteristics	Unit	Acceptable Limit	Permissible Limit	Actual Contents / Samples	
					1	2
PHYSICAL PARAMETERS						
1.	Turbidity	NTU	1	5	0.3	
2.	Electrical Conductivity	Micro mhos/cm			1.8	
3.	pH		6.5 to 8.5	No. Relaxation	7.0	
4.	Total Dissolved Solids	mg/litre	500	2000	13.86	
CHEMICAL PARAMETERS						
5.	Acidity	mg/litre			10	
6.	Alkalinity	mg/litre	200	600	26	
7.	Total Hardness (as Ca CO ₃)	mg/litre	200	600	10	
8.	Calcium (as Ca)	mg/litre	75	200	2.40	
9.	Magnesium (as Mg)	mg/litre	30	100	0.97	
10.	Chloride (as Cl)	mg/litre	250	1000	8	
11.	Fluoride	mg/litre	1.0	1.5	0.01	
12.	Iron (as Fe)	mg/litre	0.3	1.0	0.10	
13.	Nitrate (as No ₃)	mg/litre	45	100	0.44	
14.	Sulphate (as So ₄)	mg/litre	200	400	2.23	
15.	Dissolved Oxygen	mg/litre				
16.	Biochemical Oxygen Demand (BOD)	mg/litre				
17.	Chemical Oxygen Demand (COD)	mg/litre				
18.	Residual Chlorine (Min)	mg/litre	0.2	1		
19.	Phosphate (as PO ₄)	mg/litre				
20.	Manganese	mg/litre	0.1	0.3		
21.	Others					
BACTERIOLOGICAL ANALYSIS						
22.	Coliforms	No. of Coliforms/100ml	Shall not be detectable in any 100ml sample		210	
23.	Echerichia Coli	No. of E Coli/100ml			0	

24. Remarks : coliform bacteria present.



Signature of Assistant Executive Engineer/Assistant Engineer

SANITARY CERTIFICATE

No: 237/19

This is to certify that the sanitary arrangement made by the applicant

Sri/Smt. The Principal, St. Ann's Senior Secondary School
Muthikkulangara
Owner / Licencee of St. Ann's Senior Secondary School, Muthikkulangara

are satisfactory at the time of my inspection on 23.10.19

This certificate is valid up to 22.10.2020

Any violations of hygienic condition prescribed are liable to prosecution under Madras Public Health Act of 1939.

Date : 25/10/19

Place : Pathupparambam



Daudes
HEALTH INSPECTOR
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പുതുപുരം