

KERALA WATER AUTHORITY
QUALITY CONTROL REGIONAL LABORATORY
THIRUVANANTHAPURAM
Report on Analysis of WATER

Test Report No : 328/20-21

Date : 12/10/2020

Name : Harvest Mission English Medium School, Pongode, Parandode P O, Aryanad.

Date of Receipt : 17/09/2020

Date of Testing : 17/09/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents	
				Sampling Points	
				1	
1	Colour	Hazen / Pt.Co.Units	5	15	
2	Turbidity (NTU)	NTU	1	2.41	
3	pH		6.5-8.5	5.71	
4	Electrical Conductivity	µs/cm		57.8	
5	Temperature	° C		26.6	
6	Acidity	mg/litre		20	
7	Alkalinity	mg/litre	200	16	
8	Sulphate (as SO ₄)	mg/litre	200	1.2	
9	Total Dissolved Solids(TDS)	mg/litre	500	28.7	
10	Total Hardness as (CaCO ₃)	mg/litre	200	10	
11	Calcium (Ca)	mg/litre	75	2.4	
12	Magnesium (Mg)	mg/litre	30	0.972	
13	Chloride as (Cl)	mg/litre	250	20	
14	Fluoride as (F)	mg/litre	1	0.210	
15	Iron (as Fe)	mg/litre	1.0	0.378	
16	Nitrate (as NO ₃)	mg/litre	45	0.491	
17	Residual Chlorine (Rc)	mg/litre	0.2	NIL	

Sampling Points

1 Well Water

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE

Signature of Chemist



BACTERIOLOGICAL ANALYSIS

Sl No.	Source	MPN of coliforms in 100 ml	MPN of E.Coli
1	Well Water	43	0

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer



Assistant Engineer
 District Lab,
 Thiruvananthapuram