

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

Test Report No : 393/20-21

Date : 20/11/2020

Name : Principal, Christ Nagar Public School, Elamba P.O., Valakkad, Attingal, Tvm

Date of Receipt : 02/11/2020

Date of Testing : 02/11/2020

Sl No.	Characteristics	Unit	Desirable limits as per IS 10500 : 2012	Actual Contents
				Sampling Points
				1
1	Colour	Hazen / Pt.Co.Units	5	5
2	Turbidity (NTU)	NTU	1	0.29
3	pH		6.5-8.5	6.48
4	Electrical Conductivity	µs/cm		170.13
5	Temperature	° C		29.6
6	Acidity	mg/litre		15
7	Alkalinity	mg/litre	200	42.4
8	Sulphate (as SO ₄)	mg/litre	200	14.415
9	Total Dissolved Solids(TDS)	mg/litre	500	100
10	Total Hardness as (CaCO ₃)	mg/litre	200	59.4
11	Calcium (Ca)	mg/litre	75	13.49
12	Magnesium (Mg)	mg/litre	30	6.255
13	Chloride as (Cl)	mg/litre	250	58.28
14	Fluoride as (F)	mg/litre	1	0.750
15	Iron (as Fe)	mg/litre	1.0	0.090
16	Nitrate (as NO ₃)	mg/litre	45	13.831
17	Residual Chlorine (Rc)	mg/litre	0.2	NIL

Sampling Points

1 Open Well

Remarks:

SAMPLE NOT COLLECTED BY THIS OFFICE

Signature of Chemist



BACTERIOLOGICAL ANALYSIS

Sl No.	Source	CFU of coliforms in 100ml	CFU of E.Coli
1	Open Well	ABSENT	ABSENT

Remarks:

Signature of Bacteriologist

Signature of Asst. Engineer


 Assistant Engineer
 Quality Control District Lab,
 Thiruvananthapuram