

KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
ALAPPUZHA

Report on analysis of WATER

Date : 26.10.2021

Name : Sri. Raghavendra Vidyalaya, Varakkady Road, S.L. Puram P.O, Cherthala,

Date of Receipt : 22.10.2021

Date of Testing : 22.10.2021

Sl. No.	Characteristics	Unit	Desirable limits as per IS 10500:2012	Permissible Limit	Actual contents
					Sampling points
					1
1	Turbidity (NTU)	NTU	1	5	0.1
2	PH		6.5-8.5	No relaxation	7.33
3	Electrical Conductivity	ps/cm			4.5
4	Acidity	mg/litre			4.0
5	Alkalinity	mg/litre	200	600	14.0
6	Sulphate(as SO4)	mg/litre	200	400	BDL
7	Total Dissolved Solids (TDS)	mg/litre	500	2000	2.50
8	Total Hardness as (CaCo3)	mg/litre	200	600	2.0
9	Calcium (Ca)	mg/litre	75	200	BDL
10	Magnesium (Mg)	mg/litre	30	100	0.46
11	Choride as (Cl)	mg/litre	250	1000	10
12	Flouride as (F)	mg/litre	1	1.5	BDL
13	Iron (as Fe)	mg/litre	1.0	1.0	BDL
14	Nitrate (as No3)	mg/litre	45	No relaxation	BDL
15	Residual chlorine (Rc)	mg/litre	0.2	1	-

Sampling points

1. Sample supplied by Sri. Raghavendra Vidyalaya, Varakkady Road, S.L. Puram P.O, Cherthala,

Remarks

Shijeb
Signature of Chemist

BACTERIOLOGICAL ANALYSIS

Sl. No	Source	CFU of coliforms in 100 ml	E- coli in 100 ml
1	Sri. Raghavendra Vidyalaya	ABSENT	ABSENT

Remarks :

Signature of Bacteriologist



Rg

Signature of Asst. Engineer