



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

Test Report No : 436/18-19

Date : 13/12/2018

Name : Amritha Vidhyalayam, Kaimanam, Thiruvananthapuram.
 Date of Receipt : 05/12/2018
 Date of Testing : 05/12/2018

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	0.00
3	pH		6.5-8.5	7.41
4	Electrical Conductivity	µs/cm		86.0
5	Temperature	° C		25.8
6	Acidity	mg/litre		4
7	Alkalinity	mg/litre	200	22
8	Sulphate (as SO4)	mg/litre	200	1.0
9	Total Dissolved Solids(TDS)	mg/litre	500	43.0
10	Total Hardness as (CaCO3)	mg/litre	200	30
11	Calcium (Ca)	mg/litre	75	8
12	Magnesium (Mg)	mg/litre	30	2.43
13	Chloride as (Cl)	mg/litre	250	18
14	Fluoride as (F)	mg/litre	1	0.240
15	Iron (as Fe)	mg/litre	0.3	0.047
16	Nitrate (as NO3)	mg/litre	45	0.106
17	Residual Chlorine (Rc)	mg/litre	0.2	NIL

Sampling Points

- 1 Filtered 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	Filtered Water	0	0

Remarks:

Signature of Bacteriologist



Signature of Asst. Engineer

Quality Control Unit
 Thiruvananthapuram