



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY
KOTTAKUNNU, MALAPPURAM.- 676505

Phone & Fax: 0483 2738735 / email:qcdlmpm@gmail.com

REPORT ON ANALYSIS OF WATER

Name & Address	AMRITHA VIDYALAYAM Tanur		Sample No.
			HF-65
Source of sample	Open Well (Unsealed Sample Brought By The Party)		
Date of Collection	20-10-2020	Date of Testing	20-10-2020
Receipt No. & Date	0599265- ,20-10-2020		

Sl No.	Substance or characteristics	Unit	Desirable limits	Permissible limit in the Absence of Alternate Source	Actual Contents
				IS 10500:2012	
PHYSICAL & CHEMICAL ANALYSIS					
1	Turbidity	NTU	1	5	0.6
2	pH		6.5 - 8.5	6.5 - 8.5	6.5
3	Electrical Conductivity	m mhos/cm			21.3
4	Acidity	mg/liter			6
5	Alkalinity [Total]	mg/liter	200	600	10
6	Total Dissolved Solids [TDS]	mg/liter	500	2000	14
7	Total Hardness [as CaCO ₃]	mg/liter	200	600	BDL
8	Calcium [as Ca]	mg/liter	75	200	BDL
9	Magnesium [as Mg]	mg/liter	30	100	BDL
10	Chloride [as Cl]	mg/liter	250	1000	14
11	Flouride [as f]	mg/liter	1	1.5	BDL
12	Iron [as Fe]	mg/liter	0.3	0.3	0.18
13	Nitrate [as NO ₃]	mg/liter	45	45	5.26
14	Sulphate	mg/liter	200	400	BDL
15	Phosphate [as PO ₄]	mg/liter			
15	Ammonia	mg/liter	0.5	0.5	BDL
16	Residual Chlorine	mg/liter			NIL
BACTERIOLOGICAL ANALYSIS					
1	No. of Colonies of coliforms per100ml				Nil
2	No. of Colonies of E.Coli per100ml				Absent

All above tested parameters are within the desirable limit.

*BDL - Below Detection Level

[Signature]
CHEMIST

[Circular Stamp: Kottakkunnu Malappuram 676505 Kerala Water Authority]

[Circular Stamp: AMRITHA VIDYALAYAM TANUR - 676302, Phone No: 930740]

[Handwritten: True Copy]
[Handwritten: Poonaw]
PRINCIPAL
AMRITHA VIDYALAYAM
TANUR

ASSISTANT ENGINEER
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
KOTTAKUNNU, MALAPPURAM