



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY

VIDYANAGAR, KASARAGOD - 671123

Phone 04994255791 / email : qclabkasaragod@gmail.com

REPORT ON ANALYSIS OF WATER

Name & Address		Amrita Vidyalayam Kanhangad			Book No. 140/121
Source of sample		Bore well - (Sample brought by party)			
Date of collection		16.04.2021	Date of Testing		16.04.2021
Receipt No & Date		121551 dated 16.04.2021			
SI No	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	0.7
2	pH		6.5 to 8.5	No relaxation	7.3
3	Electrical Conductivity	Micro mhos/cm			462
4	Acidity	mg/litre			1
5	Alkalinity (Total)	mg/litre	200	600	114
6	Total Dissolved Solids (TDS)	mg/litre	500	2000	300.30
7	Total Hardness [as Ca CO ₃]	mg/litre	200	600	110
8	Calcium (as Ca)	mg/litre	75	200	36
9	Magnesium (as Mg)	mg/litre	30	100	4.86
10	Chloride (as Cl)	mg/litre	250	1000	16
11	Fluoride [as F]	mg/litre	1.0	1.5	0.13
12	Iron (as Fe)	mg/litre	1	1.0	0.11
13	Nitrate [as Ca NO ₃]	mg/litre	45	No relaxation	Nil
14	Sulphate (as SO ₄)	mg/litre	200	400	97.4

Remarks:

Tested parameters within the limit

BACTERIOLOGICAL ANALYSIS			
15	Coliforms	cfu /100 ml	Nil
16	E.Coli		Ab

Remarks:

Tested parameters within the limit

Assistant Engineer

Chemist

അറിയിപ്പ്: പൊതുജനാരോഗ്യ വകുപ്പിന്റെ നിർദ്ദേശാനുസരണം കൂടിവെള്ളം തിളപ്പിച്ച് മാത്രമേ ഉപയോഗിക്കുവാൻ പാടുള്ളൂ