



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY

VIDYANAGAR, KASARAGOD - 671123

Phone 04994255791 / email : qclabkasaragod@gmail.com

REPORT ON ANALYSIS OF WATER

Name & Address		M/s Kendriya Vidyalaya No.2, Vidyanagar, Kasaragod		Book No. 156-102	
Source of sample		Open well (Sample brought by party)			
Date of collection		22.08.19		Date of Testing 22.08.19	
Receipt No & Date		7367 dated 22.08.19			
Sl No	CHARACTERISTICS	UNIT	Desirable limits	Permissible limit in the absence of alternate source	Actual Contents
PHYSICAL & CHEMICAL ANALYSIS					
1	Turbidity	NTU	1	5	2.6
2	pH		6.5 to 8.5	No relaxation	6.29
3	Electrical Conductivity	Micro mhos/cm			96
4	Temperature (°C)				27
5	Acidity	mg/litre			14
6	Alkalinity (Total)	mg/litre	200	600	22
7	Total Dissolved Solids (TDS)	mg/litre	500	2000	40
8	Total Hardness [as Ca CO ₃]	mg/litre	200	600	24
9	Calcium (as Ca)	mg/litre	75	200	6.41
10	Magnesium (as Mg)	mg/litre	30	100	1.94
11	Chloride (as Cl)	mg/litre	250	1000	20
12	Fluoride [as F]	mg/litre	1.0	1.5	0.06
13	Iron (as Fe)	mg/litre	0.3	1.0	Nil
14	Nitrate [as Ca NO ₃]	mg/litre	45	No relaxation	0.05
15	Sulphate (as SO ₄)	mg/litre	200	400	2.2
16	Phosphate (as PO ₄)	mg/litre			Nil
17	Ammonia	mg/litre	0.5	0.5	Nil
18	Residual Chlorine (Minm)	mg/litre	0.2		-
BACTERIOLOGICAL ANALYSIS					
19	No.of coliforms in 100ml				1100+
20	E.Coli				Absent

Remarks:

- Turbidity above the desirable limit.
- Low pH
- Water is fully contaminated with coliform bacteria - proper disinfection method may be carried out to remove coliforms.

Chemist

ASSISTANT ENGINEER
 QUALITY CONTROL DISTRICT LAB
 KERALA WATER AUTHORITY
 VIDYANAGAR
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അറിയിപ്പ്: പൊതുജനാരോഗ്യ വകുപ്പിന്റെ നിർദ്ദേശാനുസരണം കുടിവെള്ളം തിളപ്പിച്ച് മാത്രമേ ഉപയോഗിക്കുവാൻ പാടുള്ളൂ!