

**WATER QUALITY TESTING LABORATORY**  
 (Approved by Kerala State Pollution Control Board)  
 Approval No: PCB/LAB/C4/2016

**REPORT ON ANALYSIS OF WATER -534**

Name & Address			Source of Water: Open Well			
Kottakkal Vidya Bhavan			Collected By: Party			
English Medium High School			Date of Collection: 12.02.2021			
Ampara, Kottakkal			Date of Testing: 12.02.2021			
Mob: 940336642			Date: 18.02.2021			
Sl. No	Characteristics	Unit	As per IS 10500 : 2012		Actual Contents	
			Desirable Limit	Permissible Limit	1	2
1	Turbidity	NTU	1	5	0.5	
2	Taste, Colour & Odour					
3	pH		6.5-8.5	6.5-8.5	4.2	
4	Electrical Conductivity	mho/cm			32	
5	Total Dissolved Solids	mg/litre	500	2000	25	
6	Acidity	mg/litre			34	
7	Alkalinity (Total)	mg/litre	200	600	18	
8	Total Hardness(as CaCO <sub>3</sub> )	mg/litre	200	600	6	
9	Calcium	mg/litre	75	200	1.07	
10	Magnesium	mg/litre	30	100	0.82	
11	Chloride	mg/litre	250	1000	16	
12	Iron	mg/litre	0.3	0.3	BDL	
13	Nitrate	mg/litre	45	45	BDL	
14	Ammonia	mg/litre	0.5	0.5	BDL	
15	Sulphate	mg/litre	200	400	Not Done	
16	Others	mg/litre				
17 Bacteriological Analysis						
Total Coliforms		No /100ml	Zero	Zero	0	
E.Coli		No of Colonies	Absent	Absent	Absent	

\*BDL- Below Detectable Limit.

Remarks: Low pH.

General suggestions based on the information furnished during the interaction

1. Well surrounding should be kept dry and clean.
2. To avoid waste water intrusion, septic tank, soak pit, solid waste pit, kitchen / laundry waste water collecting pit etc should properly constructed and maintained minimum 15 meters away from the well.
3. Well water should be analysed at least once in every year.

Chemist

*[Signature]*  
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