

Analysis Report

AR No: AR /ABL/719/ 2021
Date: 16/09/2021

Name: Farook Training College Mob: 9447269224 Email: drrekharavi@gmail.com Address: Farook college P.O	Date & Time of sample collection: 14/09/2021 Sample collected by : Client Sample delivered by : Client Date & Time of delivery : 14/09/2021, 10.00 AM Sample received by : Lab Analyst Sample condition : Fit for analysis Period of Analysis : 14/09/2021- 16/09/2021
Source of Sample: Well water	Sample received by : Lab Analyst
Sample container: Polythene bottle	Sample condition : Fit for analysis
Type of Test	Period of Analysis : 14/09/2021- 16/09/2021
Chemical <input checked="" type="checkbox"/>	Microbiological <input checked="" type="checkbox"/>

Sl No	Parameter	Unit	Test method APHA	Results	Acceptable limit IS 10500
Physical Examination					
1	Colour	Hazen	2120 B	< 1	5
2	Taste and odor		2160 A	Agreeable	Agreeable
3	Electrical conductivity	µS/cm	2510 B	104	50-800
4	Turbidity	NTU	2130 B	0.6	5
5	Total Dissolved solids	mg/L	2540 C	10	500
Chemical Examination					
6	pH	-	4500 H ⁺ B	6.89	6.5 – 8.5
7	Total Alkalinity	mg/L	2320 B	16	200
8	Total Hardness as CaCO ₃	mg/L	2340 C	20	200
9	Calcium Hardness as CaCO ₃	mg/L	3500 Ca B	10	
10	Magnesium Hardness as CaCO ₃	mg/L	3500 Mg B	10	
11	Calcium	mg/L	3500 Ca B	4.008	75
12	Magnesium	mg/L	3500 Mg B	2.43	30
13	Chloride	mg/L	4500 Cl ⁻ B	10	250
14	Sulphate	mg/L	4500 SO ₄ E	BDL	200
15	Ammonia	mg/L	4500 NH ₃ F	0.095	0.5
16	Iron	mg/L	3500 Fe B	0.122	0.3
Bacteriology					
17	Total Coliform	cfu/100ml	9222 B	210	Nil / 100ml
18	Faecal Coliform	cfu/100ml	9221 E	BDL	Nil / 100ml

The report is of the sample tested only and shall not be reproduced except in full.

Remarks: Total Coliforms is present.
BDL: Below detection level


AMPLICON BIOLABS

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Approval No. PCB/CL/RL/4/2009

KSCSTE-CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT

LAND & WATER MANAGEMENT RESEARCH GROUP

SAMPLE RESULTS

Name: Dr Rekha P, Farook Training College.

Date: 13.10.2021

Sample No	pH	EC (µS/cm)	TDS (mg/L)	Available Nitrogen (kg/ha)	Phosphorus (kg/ha)	Potassium (kg/ha)	Calcium (mg/kg)	Sulphur (mg/kg)
1	5.81	51.00	26.00	201.60	33.49	113.46	332.20	91.84