

# INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Mundur (P.O), Palakkad (Dist.), Kerala-678592.

Grant-in-Aid Institution of KSCSTE, Govt. of Kerala

## ENVIRONMENT LABORATORY

Approved by: Kerala State Pollution Control Board

Approval No.: PCB/CL/RL/34/2019

No. IRTC/311/ENVL/WS0609/20

Date: 23/11/2020

## WATER QUALITY ANALYSIS REPORT

Sample received from : Seva Sadan Central School  
Pathirippala

No. of samples received: 1 Sample  
Source of sample : Open well  
Date of receipt : 16/11/2020

Sl. No	Parameter	Unit	Test Result	Limit (BIS)
1	pH	-	6.5	6.5-8.5
2	Taste	-	-	-
3	Colour	Hazen	-	-
4	Odour	-	-	-
5	EC	us/cm	176	-
6	TDS	ppm	87	500
7	Alkalinity	mg/L	30	200
8	Chloride	mg/L	15.6	250
9	Hardness (as CaCO <sub>3</sub> )	mg/L	32	200
10	Calcium	mg/L	11.2	75
11	Magnesium	mg/L	0.9	30
12	Fluoride	mg/L	0.04	1.0
13	Iron	mg/L	0.23	0.3
14	Total Coliform	MPN/100ml	Nil	Nil

• EC - Electrical Conductivity, TDS - Total Dissolved Solids, MPN - Most Probable Number, us - Micro siemens, BIS - Bureau of Indian Standards.

• Coliform should not be present in 100 ml of sample as per BIS standard.

Disclaimer: The sample was taken and brought to the lab by the person with name and address mentioned above and not by IRTC



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