

# INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

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(Supported by: D S T., Govt. of India & K S C S T E., Govt. of Kerala)  
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IRTC/311/ENVL/076/19

IRTC Environment Laboratory  
B-Grade- (Institutional Laboratory)  
Approval No. PCB/CL/RL/34/2015

Date: 22/02/2019

## Water Quality Analysis Report

Sample Received From: *Islamic Central School*  
*Thottakkara (P.O)*  
*Ottappalam*  
*Palakkad*

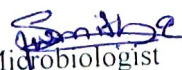
No. of samples received: *1 sample*  
Source of sample : *Borewell*  
Date of Receipt : *04/02/2019*

Sl. No	Parameter	Unit	Limit (BIS)	Test Result
1	pH	-	6.5-8.5	7.72
2	Taste	-	-	-
3	Colour	Hazen	-	-
4	Odour	-	-	-
5	EC	µs/cm	-	678.1
6	TDS	ppm	500	378.9
7	Alkalinity	mg/L	200	235
8	Chloride	mg/L	250	14.2
9	Hardness (as CaCO <sub>3</sub> )	mg/L	200	358
10	Calcium	mg/L	75	80.9
11	Magnesium	mg/L	30	37.9
12	Fluoride	mg/L	1.0	0.6
13	Iron	mg/L	0.3	0.2
14	Total Coliform	MPN/100ml	Nil	Nil

- EC - Electrical Conductivity, TDS - Total Dissolved Solids, MPN- Most Probable Number, µs- 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.

  
Chemist/Analyst

  
Microbiologist



  
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