





**KSCSTE - CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT**  
**ജലവിഭവ വികസന വിനിയോഗ കേന്ദ്രം**



KSCSTE-CWRDM An Institution of Kerala State Council for Science, Technology & Environment, Govt. of Kerala  
 കേരള ശാസ്ത്ര സാങ്കേതിക പരിസ്ഥിതി കൗൺസിൽ സ്ഥാപനം, കേരള സർക്കാർ



TC-9713

**CWRDM WATER QUALITY DIVISION-TESTING LABORATORY**

**TEST REPORT**

No: CWRDM/WQD/WA/2021

<b>Customer Name and Address:</b> Crescent School Kalaranthiri Manipuram Koduvally	Date of Issue	:08-11-2021
	Date of receipt of sample	:22-10-2021
	SRF No / PRF No.	:1967
	Test Report No	:2167
	Analysis Started	:22-10-2021
	Analysis Completed	:07-11-2021
<b>Information Provided by Customer:</b> Sample Description Sample Drawn by		Water Sample (1L, Open Well) Party

**TEST RESULTS-CHEMICAL ANALYSIS**

Sl. No.	Parameters	Test Method	Result	Limit of Quantification (LOQ)	Acceptable limit as per IS 10500:2012
1	pH at 25°C	APHA, 2017 (Part 4500 H+)	6.57	1.0	6.50-8.50
2	Colour, Hazen	APHA, 2017 (Part 2120)	1.0	1.0	5.0
3	Turbidity, NTU	APHA, 2017(Part 2130)	2.10	0.20	1.0
4	Total Dissolved Solids, mg/l	APHA, 2017 (Part 2540)	61.0	10.0	500.0
5	Total Hardness as CaCO <sub>3</sub> , mg/l	APHA, 2017 (Part 2340)	20.40	2.0	200.0
6	Total Alkalinity as CaCO <sub>3</sub> , mg/l	APHA, 2017 (Part 2320)	14.40	2.0	200.0
7	Chloride as Cl <sup>-</sup> , mg/l	APHA, 2017(Part 4500 Cl <sup>-</sup> )	12.0	4.0	250.0
8	Sulphate as SO <sub>4</sub> <sup>2-</sup> , mg/l	APHA, 2017 (Part 4500 SO <sub>4</sub> <sup>2-</sup> )	4.76	1.0	200.0
9	Calcium as Ca, mg/l	APHA, 2017 (Part 3500 Ca)	6.53	1.0	75.0
10	Magnesium as Mg, mg/l	APHA, 2017 (Part 3500 Mg)	1.0	1.0	30.0
11	Iron as Fe, mg/l	APHA, 2017 (Part 3500 Fe)	BDL	0.20	1.0

**BDL-Below Detection Level**

For CWRDM, Water Quality Division – Testing Laboratory

Tested by

Head  
Water Quality Division  
CWRDM  
Authorised Signatory

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**WATER QUALITY DIVISION**  
**CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT**  
**KOZHIKODE-673571**

**TEST RESULTS- BACTERIOLOGICAL ANALYSIS**


Sl. No.	Parameters	Test Method	Result	Acceptable limit as per IS 10500:2012
1	Total Coliforms,MPN/100ml	APHA, 2017(Part 9222 B)	Absent	Shall not be detectable in any 100ml sample
2	<i>E.coli</i> , MPN/100ml	APHA, 2017(Part 9222 D)	Absent	Shall not be detectable in any 100ml sample

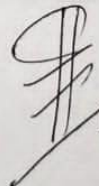
**Note:-**

All the tested water quality parameters are found to be within the acceptable limit as per IS 10500:2012, Drinking Water Specification, except Turbidity.

\*\*\*\*\*End of the Report\*\*\*\*\*

For CWRDM, Water Quality Division – Testing Laboratory

  
Tested by

  
Head  
Water Quality Division  
CWRDM  
Authorised Signatory

**Note:** This test report refers only to the particular item(s) submitted for testing. The test results reported in this report are valid at the time of and under the stated condition of measurement. This particular test report cannot be reproduced except in full, without prior permission of Head – Water Quality Division of the laboratory. Any discrepancies may be brought to the laboratory within 30 days of the issue of the report.