



KSCSTE-CWRDM

KSCSTE - CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT

ജലവിഭവ വികസന വിനിയോഗ കേന്ദ്രം

(An ISO 9001 : 2015 Certified Organization)

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



SUB CENTRE NEYYATTINKARA-695121

An ISO 9001:2015 Certified Organization

Kerala State Pollution Control Board Approved Laboratory (Approval No.PCB/LAB/C55/2022)

TEST REPORT

No: CWRDM/141/2022-S-NTA SC

Customer Name and Address: Principal Fathima Public School Kottamom	Date of Issue : 19-03-2024 Date of receipt of sample : 13-03-2024 SRF No / PRF No. : NTA/WAL/2022/849 Test Report No : NTA/WAL/2022/849 Analysis Started : 13-03-2024 Analysis Completed : 19-03-2024
Information Provided by Customer: Sample Description Sample Drawn by	Water Sample (1L, Well Water) Rajeevadas

TEST RESULTS-CHEMICAL ANALYSIS/BIOLOGICAL ANALYSIS

Sl. No.	Parameters	Test Method	Result	Acceptable limit as per IS 10500:2012
1	pH at 25°C	APHA, 2017 (Part 4500 H ⁺)	6.5	6.5-8.5
2	Colour, Hazen	APHA, 2017 (Part 2120)	BDL	5
3	Turbidity, NTU	APHA, 2017(Part 2130)	0.4	1
4	Total Dissolved Solids, mg/l	APHA, 2017 (Part 2540)	37.0	500
5	Total Hardness as CaCO ₃ , mg/l	APHA, 2017 (Part 2340)	20.0	200
6	Total Alkalinity as CaCO ₃ , mg/l	APHA, 2017 (Part 2320)	25.5	200
7	Chloride as Cl ⁻ , mg/l	APHA, 2017(Part 4500 Cl ⁻)	17.9	250
8	Sulphate as SO ₄ , mg/l	APHA, 2017(Part 4500 SO ₄)	4.7	200
9	Calcium as Ca, mg/l	APHA, 2017 (Part 3500 Ca)	3.2	75
10	Magnesium as Mg, mg/l	APHA, 2017 (Part 3500 Mg)	2.9	30
11	Iron as Fe, mg/l	APHA, 2017 (Part 3500 Fe)	BDL	1
12	Total coliforms, MPN/100ml	APHA, 2017(Part 9221 B)	Absent	Shall not be detectable in any 100ml sample
13	<i>E.coli</i> , MPN/100ml	APHA, 2017(Part 9221 D)	Absent	Shall not be detectable in any 100ml sample

*BDL-Below Detection Limit

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

For CWRDM-SC NTA, Water Laboratory

[Signature]
Tested by

Authorized Signatory

Scientist & Head

Note: This test report refers only to the 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 test report cannot be reproduced expect in full, without prior permission of Head – Water laboratory. Any discrepancies may be brought to the laboratory within 30 days of the issue of the report.

Kunnamangalam, Kozhikode-673571, Kerala, India | കുന്നമംഗലം, കോഴിക്കോട്-673571, കേരളം, ഇന്ത്യ

E-mail: ed@cwrmdm.org, registrar@cwrmdm.org | Website: www.cwrmdm.org

Phone: (91) 495 235 1800, 235 1801 | Fax: (91) 495 235 1808, 235 7827