



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: The H.M Dr.G.R Public School Ooruttukala, N.T.A | Date of Issue : 29-07-2023 Date of receipt of sample : 10-07-2023 SRF No / PRF No. : NTA/WAL/2023/542 Test Report No : NTA/WAL/2023/542 Analysis Started : 10-07-2023 Analysis Completed : 29-07-2023 |
| Information Provided by Customer: Sample Description Sample Drawn by | Water Sample (IL, Well Water) Binu.T |

TEST RESULTS-CHEMICAL/BIOLOGICAL ANALYSIS

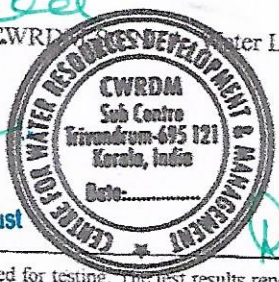
| Sl. No. | Parameters | Test Method | Result | Acceptable limit as per IS 10500:2012 |
|---------|--|--|--------|---|
| 1 | pH at 25°C | APHA, 2017 (Part 4500 H ⁺) | 6.9 | 6.5-8.5 |
| 2 | Colour, Hazen | APHA, 2017 (Part 2120) | BDL | 5 |
| 3 | Turbidity, NTU | APHA, 2017(Part 2130) | 0.5 | 1 |
| 4 | Total Dissolved Solids, mg/l | APHA, 2017 (Part 2540) | 46.8 | 500 |
| 5 | Total Hardness as CaCO ₃ , mg/l | APHA, 2017 (Part 2340) | 20 | 200 |
| 6 | Total Alkalinity as CaCO ₃ , mg/l | APHA, 2017 (Part 2320) | 21.2 | 200 |
| 7 | Chloride as Cl ⁻ , mg/l | APHA, 2017(Part 4500 Cl ⁻) | 25.8 | 250 |
| 8 | Sulphate as SO ₄ , mg/l | APHA, 2017(Part 4500 SO ₄) | 5.8 | 200 |
| 9 | Calcium as Ca, mg/l | APHA, 2017 (Part 3500 Ca) | 1.6 | 75 |
| 10 | Magnesium as Mg, mg/l | APHA, 2017 (Part 3500 Mg) | 4.4 | 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 | E.coli, 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.

Tested by:

Adv. R.S. Harikumar
Managing Trustee
The Madhavimandiram Loka Seva Trust
Madhavi Mandiram
Neyyattinkara - 695121



Authorized Signatory:

MS. DIVYA'S
Principal
DR GR PUBLIC SCHOOL
Neyyattinkara - 695121

Note: This test report refers only to the sample 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 except in full, without prior permission of Head of Water laboratory. Any discrepancies may be brought to the laboratory within 30 days of the issue of the report