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

TC-12408

## CWRDM WATER QUALITY DIVISION-TESTING LABORATORY
## TEST REPORT

No: CWRDM/WQD/WA/8761/2026 ULR -**TC1240826000002558F**

| | |
|---|---|
| **Customer Name and Address:**<br>AL Ihsan English School<br>Vengara<br>Kuttalur | Date of Issue :10-11-2026<br>Date of receipt of sample :31-10-2026<br>SRF No :8761/2026<br>Test Report No :8761/2026/04<br>Analysis Started :31-10-2026<br>Analysis Completed :07-11-2026 |
| **Information Provided by Customer:**<br>Sample Source<br>Sample Type<br>Volume of Sample Supplied<br>Sample Drawn By | <br>Open Well<br>Drinking Water<br>1L<br>Party |

**TEST RESULTS-CHEMICAL ANALYSIS**

| Sl. No. | Parameters | Test Method | Result | Acceptable limit as per IS 10500:2012 |
|---|---|---|---|---|
| 1 | pH at 25°C | APHA, 2023 (Part 4500 H+ B) | 6.72 | 6.50-8.50 |
| 2 | Colour, Hazen | APHA, 2023 (Part 2120 B) | 1.0 | 5.0 |
| 3 | Turbidity, NTU | APHA, 2023(Part 2130 B) | 1.0 | 1.0 |
| 4 | Total Dissolved Solids, mg/l | APHA, 2023 (Part 2540 C) | 88.0 | 500.0 |
| 5 | Total Hardness as $CaCO_3$, mg/l | APHA, 2023 (Part 2340 C) | 48.0 | 200.0 |
| 6 | Total Alkalinity as $CaCO_3$, mg/l | APHA, 2023 (Part 2320 B) | 40.0 | 200.0 |
| 7 | Chloride as $Cl^-$, mg/l | APHA, 2023(Part 4500 $Cl^-$ B) | 18.0 | 250.0 |
| 8 | Sulphate as $SO_4^{2-}$, mg/l | APHA, 2023 (Part 4500 $SO_4^{2-}$ E) | 7.80 | 200.0 |
| 9 | Calcium as Ca, mg/l | APHA, 2023 (Part 3500 Ca B) | 17.60 | 75.0 |
| 10 | Magnesium as Mg, mg/l | APHA, 2023 (Part 3500 Mg B) | 1.0 | 30.0 |
| 11 | Iron as Fe, mg/l | APHA, 2023 (Part 3500 Fe B) | BDL | 1.0 |

BDL-Below Detection Limit Detection limit of Iron is 0.2mg/l

**Note: -**

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

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

For CWRDM, Water Quality Division – Testing Laboratory

Tested by Swathi.K.S

Authorised & Reviewed by

QUALITY MANAGER

**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 expect 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.

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## WATER QUALITY DIVISION

## CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENTKOZHIKODE-673571

No: CWRDM/WQD/WA/8761/2026N

| | |
|---|---|
| **Customer Name and Address:**<br>AL Ihsan English School<br>Vengara<br>Kuttalur | Date of Issue :10-11-2026<br>Date of receipt of sample :31-10-2026<br>SRF No :8761/2026<br>Test Report No :8761/2026/04<br>Analysis Started :02-11-2026<br>Analysis Completed :03-11-2026 |
| **Information Provided by Customer**:<br>Sample Source<br>Sample Type<br>Volume of Sample Supplied<br>Sample Drawn By | <br>Open Well<br>Drinking Water<br>100 ml<br>Party |

TEST RESULTS - BACTERIOLOGICAL ANALYSIS

| Sl. No. | Parameters | Test Method | Result | Acceptable limit as per IS 10500:2012 |
|---|---|---|---|---|
| 1 | Total Coliforms, CFU/100ml | APHA, 2023(Part 9222 B) | Absent | Shall not be detectable in any 100ml sample |
| 2 | *E. coli*, CFU/100ml | APHA, 2023(Part 9222 G) | Absent | Shall not be detectable in any 100ml sample |

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

For CWRDM, Water Quality Division – Testing Laboratory

Tested by

Digilarani . M

Authorised & Reviewed by

QUALITY MANAGER
CWRDM WATER QUALITY DIVISION
TESTING LABORATORY

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