



SOUTHERN ENVIRONMENTAL

Laboratory ANALYSIS REPORT

Sample Name: Water
Reference No: SEL/325/20-21
Sample Submitted By: Lake Mount Public School, Kattikunnu, Poothotta.

Date : 19.02.2021
Date of Sampling: 16.02.2021

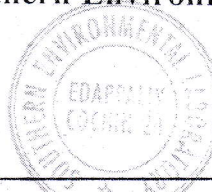
Sample Identification: Water from KWA

Sample received on: 16.02.2021
Date of completion: 19.02.2021
Method of analysis: IS.3025

| SL NO: | PARAMETERS | UNIT | RESULTS | SPEC: IS 10500:2012 FOR DRINKING WATER |
|-------------------------------|-------------------------------------|--------|---------|--|
| 1 | Colour | Pt-Co | 1 | 5 |
| 2 | Turbidity | NTU | 0.5 | 1 |
| 3 | pH | | 7.09 | 6.5-8.5 |
| 4 | Total Dissolved Solids | mg/l | 44.2 | 500 |
| 5 | Total hardness as CaCO ₃ | mg/l | 20 | 200 |
| 6 | Iron as Fe | mg/l | 0.02 | 0.3 |
| 7 | Chlorides as Cl | mg/l | 12.5 | 250 |
| 8 | Alkalinity as HCO ₃ | mg/l | 18 | 200 |
| 9 | Calcium as Ca | mg/l | 4.01 | 75 |
| 10 | Magnesium as Mg | mg/l | 2.43 | 30 |
| 11 | Sulphates as SO ₄ | mg/l | 1.19 | 200 |
| 12 | Nitrates as NO ₃ | mg/l | 1.54 | 45 |
| 13 | Nirites as NO ₂ | mg/l | 0.002 | 0.02 |
| 14 | Residual free chlorine | mg/l | NIL | 0.2 |
| <u>BACTERIOLOGICAL</u> | | | | |
| 1 | Total Plate Count | cfu/ml | 0 | 100 |
| 2 | Total Coliforms/MPN | | Absent | Absent |

REMARKS: For the above parameters, the results are satisfactory.

For Southern Environmental Laboratory



Peter V.G
Lab-in-charge

- This analysis report refers only to the sample analysed.
- This report shall not be reproduced except in full.
- Written approval of the laboratory is necessary for reproduction of the report.
- Samples will not be stored beyond seven days from the date of report.

Principal
MAYA KSEEN
LAKE MOUNT PUBLIC SCHOOL
KATTIKUNNU, CHEMPU P.O.
VAIKOM
School Code-75344
KOTTAYAM-686 608
lakemountpublic@gmail.com

Approved by KERALA STATE POLLUTION CONTROL BOARD
Phone : 9539466732, 9020401010, E-mail: selcochin@hotmail.com

For: LAKEMOUNT EDUCATIONAL SOCIETY
No: K-572/2000

President