



**Green Drops**  
B I O L A B S

Date : 26/03/2021

Analysis Report GD NO:787

KSPCB APPROVAL NO: PCB/LAB/C30/2019

|  |   |
|--|---|
| Name : STELLA MARY'S ENGLISH MEDIUM              | Sample collection date : 25/03/2021         |
| Address : PADANNAKKAD                            | Sample collected by : CLIENT                |
| Mob : 9481506162                                 | Sample delivered by : CLIENT                |
| Source of sample : Borewell                      | Date & Time of delivery: 26/03/2021-15.15PM |
| Sample container: 1 L PB &100ml SSC              | Sample received by : Analyst 1              |
| Type of Test :Physical,chemical ,Microbiological | Sample condition : Fit for analysis         |
|  | Period of analysis : 25/03/21-26/03/2021    |

| Sl No               | Parameter                               | Test Method APHA       | Unit      | Results | Acceptable limit<br>IS 10500 : 2012 |
|---------------------|---|------------------------|-----------|---------|-------------------------------------|
| 1                   | Colour                                  | 2120 B                 | Hazen     | <1      | 5                                   |
| 2                   | Electrical Conductivity                 | 2510 B                 | μS/cm     | 246     | -                                   |
| 3                   | Turbidity                               | 2130 B                 | NTU       | 1       | 1                                   |
| 4                   | Total Dissolved Solids                  | 2540 C                 | mg/L      | 98      | 500                                 |
| 5                   | pH                                      | 4500H <sup>+</sup> B   | -         | 6.8     | 6.5-8.5                             |
| 6                   | Total Alkalinity                        | 2320 B                 | mg/L      | 97      | 200                                 |
| 7                   | Total Hardness as CaCO <sub>3</sub>     | 2340 C                 | mg/L      | 170     | 200                                 |
| 8                   | Calcium Hardness as CaCO <sub>3</sub>   | 3500 Ca B              | mg/L      | 86      | -                                   |
| 9                   | Magnesium Hardness as CaCO <sub>3</sub> | 3500 Mg B              | mg/L      | 84      | -                                   |
| 10                  | Calcium                                 | 3500 Ca B              | mg/L      | 34.4    | 75                                  |
| 11                  | Magnesium                               | 3500 Mg B              | mg/L      | 20.4    | 30                                  |
| 12                  | Chlorides                               | 3500Cl <sup>-</sup> B  | mg/L      | 36      | 250                                 |
| 13                  | Sulphates                               | 4500 SO <sub>4</sub> E | mg/L      | 6.70    | 400                                 |
| 14                  | Ammonia Nitrogen                        | 4500NH <sub>3</sub> F  | mg/L      | 0.28    | Maximum 0.50                        |
| 15                  | Iron                                    | 3500 Fe B              | mg/L      | 0.26    | Maximum 0.30                        |
| <b>Bacteriology</b> |   |                        |           |         |                                     |
| 16                  | Total Coliform bacteria                 | 9222 B                 | cfu/100ml | NILL    | Shall be absent                     |
| 17                  | Fecal Coliform bacteria                 | 9222 D                 | cfu/100ml | NILL    | Shall be absent                     |

Results related to the sample tested only and shall not be reproduced except in full

Remarks : All the tasted parameters with in the limit.

Authorized Signatory

KERALA STATE POLLUTION CONTROL BOARD APPROVED LABORATORY

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NO: A - 14/2021

TALUK HEAD QUARTERS HOSPITAL,  
NILESHWAR, 06/01/2021

## **CERTIFICATE**

This is to certify that premises and Water sources of STELLA MARIS ENGLISH MEDIUM SCHOOL, PADANAKKAD have provided with sufficient number of Latrines and urinals for both Sex. Waste water from washing places are properly connected to underground tank.



  
HEALTH INSPECTOR  
T.H.Q. HOSPITAL  
NILESHWAR  
P.O. NILESHWAR - 671 314