

**KILA CENTRE FOR TRIBAL DEVELOPMENT AND NATURAL RESOURCE MANAGEMENT**  
Agali (P.O), Attappady, Palakkad-678581

### SOIL AND WATER TESTING LABORATORY

Accredited by Kerala State Pollution Control Board

Approval No.: PCB/LAB/C37/2020

Sample Code: W1030/2025

Date: 25/03/2025

#### WATER QUALITY ANALYSIS REPORT

**Sample received from** : The Principal  
St. Gregorios English Medium School  
Nellipathy, Agali

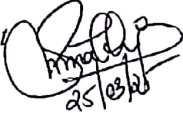
**Source of sample collection:** Borewell

**Date of receipt** : 20/03/2025

| Sl.No | Parameter                       | Unit      | Limit (BIS) | Test Result |
|-------|---------------------------------|-----------|-------------|-------------|
| 1     | pH                              | -         | 6.5-8.5     | 6.56        |
| 2     | Colour                          | Hazen     | -           | -           |
| 3     | EC                              | µs/cm     | 500         | 261.9       |
| 4     | TDS                             | ppm       | 500         | 122.6       |
| 5     | Turbidity                       | NTU       | 5           | 0           |
| 6     | Alkalinity                      | mg/L      | 200         | 110         |
| 7     | Chloride                        | mg/L      | 250         | 20.07       |
| 8     | Hardness(as CaCO <sub>3</sub> ) | mg/L      | 200         | 57.70       |
| 9     | Calcium                         | mg/L      | 75          | 14.90       |
| 10    | Magnesium                       | mg/L      | 30          | 4.97        |
| 11    | Fluoride                        | mg/L      | 1.0         | <0          |
| 12    | Iron                            | mg/L      | 0.3         | 0.05        |
| 13    | Total Coliform                  | MPN/100ml | Nil         | 1100        |
| 14    | E.coli                          | -         | -           | Absent      |

- EC-Electrical Conductivity, TDS - Total Dissolved Solids, µS Micro Siemens, NTU - Nephelometric Turbidity Unit, BIS- Bureau of Indian Standards, MPN- Most Probable Number
- Coliform should not be present in 100ml of sample as per BIS standard

**Disclaimer:** The sample was taken by and was brought to the lab by the person mentioned above and not by KILA, Agali.

Chemist 



Microbiologist 

Mulamkunnathukavu P.O. - 680 581, Kerala.