

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS TAMANU OIL ORGANIC (COLD PRESSED)

#### DESCRIPTION

Description: Tamanu Oil Organic (Cold Pressed)  
Inci Name: Calophyllum Inophyllum (Tamanu / Foraha) Seed Oil  
Cas No.: 241148-25-4  
Einecs No.: N/A

#### CHARACTERISTICS

| TEST                                   | SPECIFICATION                        | ANALYSIS |
|--|--------------------------------------|----------|
| Appearance                             | Dark greenish brown.                 | Conforms |
| Odour                                  | Free from rancid and foreign odours. | Conforms |
| Free Fatty Acid (%)                    | 40.0 maximum                         | 30.3     |
| Acid Value                             | 80.0 maximum                         | 60.3     |
| Peroxide Value (meqO <sub>2</sub> /kg) | 10.0 maximum                         | 1.3      |
| Refractive Index @ 20°C                | 1.460 – 1.490                        | Complies |
| Specific Gravity @ 20°C                | 0.910 – 0.948                        | 0.945    |

| FATTY ACID PROFILE (%) |             |      |
|------------------------|-------------|------|
| C16:0 Palmitic         | 7.0 – 15.0  | 13.8 |
| C18:0 Stearic          | 10.0 – 16.0 | 14.4 |
| C18:1 Oleic            | 25.0 – 48.0 | 40.1 |
| C18:2 Linoleic         | 20.0 – 34.0 | 28.7 |

Revised: 12/08/2018