

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS TAMANU OIL ORGANIC

DESCRIPTION

PRODUCT: TAMANU OIL ORGANIC, COLD PRESSED
INCI NAME: CALOPHYLLUM INOPHYLLUM SEED OIL
CAS No: 68956-68-3 / 2411-48-25-4
EINECS No: 733-313-5
MANUFACTURING METHOD: COLD PRESSED

CHARACTERISTICS

| ANALYTICAL DETAILS | RANGE % | RESULT |
|--|--|----------|
| APPEARANCE | OILY LIQUID IN ROOM TEMP / SOLID IN COLD TEMPERATURES | CONFORMS |
| ODOUR | CHARACTERISTIC | CONFORMS |
| COLOUR | GREEN – DARK GREEN | CONFORMS |
| SPECIFIC GRAVITY @ 20°C | 0.900 – 0.980 | 0.916 |
| REFRACTIVE INDEX @ 20°C (NR) | 1.455 – 1.490 | 1.480 |
| IODINE VALUE | 79.0 – 98.0 | CONFORMS |
| PEROXIDE VALUE (MEQ O ₂ / KG) | <25.0 | 0.5 |
| SAPONIFICATION VALUE | 190 – 205 | - |
| ACID VALUE | <80.0 | 31.4 |

| FATTY ACID PROFILE | ACID NAME | RANGE % | RESULTS |
|--------------------|-----------|-------------|---------|
| C-CHAIN | | | |
| C16:0 | PALMITIC | <16.0 | 14.6 |
| C18:0 | STEARIC | <18.0 | 14.1 |
| C18:1 | OLEIC | 22.0 – 48.0 | 40.2 |
| C18:2 | LINOLEIC | <57.0 | 30.8 |