



TECHNICAL DATA SHEET

PRODUCT: TAMANU OIL (PURE VIRGIN)

ITEM NUMBER: 05-5511

CERTIFICATIONS:



- **INCI NAME:** *Calophyllum Inophyllum Seed oil* ● **REACH STATUS #:** Exempt
- **CAS NUMBER:** 223748-12-7 ● **EINECS NUMBER:** Not Applicable

DESCRIPTION: THE OIL OF TAMANU IS EXTRACTED BY A COLD PRESSED METHOD FROM THE SEED OF THE POLYNESIAN TAMANU TREE. THE OIL IS 100% PURE VIRGIN TAMANU OIL, NON-REFINED AND NON-DEODORIZED.

ANALYSIS

APPEARANCE
COLOR BY GARDNER (10% MINERAL OIL)
ODOR
IDENTIFICATION BY FT-IR
MOISTURE
REFRACTIVE INDEX @ 25°C
SPECIFIC GRAVITY @ 25°C
SAPONIFICATION VALUE
IODINE VALUE
PEROXIDE VALUE (AT TIME OF DRUMMING)
MICROBIOLOGY
 AEROBIC
 MOLDS & YEAST
 MICROBIAL E. COLI
 MICROBIAL SALMONELLA

SPECIFICATION

DARK GREEN TO BROWN, SEMI VISCOUS OIL
10 MAXIMUM
NUTTY
SPECTRAL COMPARISON
LESS THAN (<) 1%
1.30 – 1.50
0.91 – 0.95
150 – 200
65 - 95 g /100g
6.0 meq/Kg MAXIMUM

LESS THAN 100 CFU/mL
LESS THAN 100 CFU/mL
ABSENT
ABSENT

SHELF LIFE: 2 YEARS FROM MANUFACTURING DATE, IN AN UNOPENED CONTAINER
OPTIMAL STORAGE CONDITIONS: STORE IN A ROOM WITH A TEMPERATURE WITHIN 15 °C TO 25 °C
NO PRESERVATIVES ADDED
"THE MATERIAL SHOULD BE KEPT IN TIGHTLY CLOSED CONTAINERS PROTECTED FROM DIRECT SUNLIGHT"
RAW MATERIAL FOR FURTHER PROCESSING
Exposure to cool temperatures may result in partially or completely solidification of the oil, warm the product until clear to ensure homogeneity.

REVISION DATE: 11-28-22