



# TECHNICAL DATA SHEET

**PRODUCT:** TAMANU OIL

**ITEM NUMBER:** 05-5511

**CERTIFICATIONS:**



- **INCI NAME:** *Calophyllum Inophyllum Seed oil* ● **REACH #:** 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 IRGIN TAMANU OIL, NON-REFINED AND NON-DEODORIZED.

**ANALYSIS**

**SPECIFICATION**

APPEARANCE	DARK GREEN TO BROWN, SEMI VISCOUS OIL
COLOR GARDNER (10% MINERAL OIL)	10 MAXIMUM
ODOR	NUTTY
IDENTIFICATION BY FT-IR	MATCHES STANDARD
MOISTURE	LESS THAN (<) 1%
REFRACTIVE INDEX @ 25°C	1.30 – 1.50
SPECIFIC GRAVITY @ 25°C	0.91 – 0.95
H-NMR	MATCHES STANDARD
AOM @ 20-50 hours	20 meq/kg MINIMUM
SAPONIFICATION VALUE	150 – 200
IODINE VALUE	80 – 120 g / 100g
PEROXIDE VALUE	6.0 meq / kg MAXIMUM
MICROBIOLOGY	
AEROBIC	LESS THAN 100 CFU/ml
MOLDS & YEAST	LESS THAN 100 CFU/ml
MICROBIAL E. COLI	ABSENT
MICROBIAL SALMONELLA	ABSENT

NO PRESERVATIVES  
 SHELF LIFE: 3 YEARS FROM MANUFACTURING DATE IN AN UNOPENED CONTAINER  
 RAW MATERIAL FOR FURTHER PROCESSING  
 "THE MATERIAL SHOULD BE KEPT IN TIGHTLY CLOSED CONTAINERS PROTECTED FROM DIRECT HEAT/SUNLIGHT."

REVISION DATE: 07-10-19