



TECHNICAL DATA SHEET

PRODUCT: TAMANU OIL

ITEM NUMBER: 05-5511

CERTIFICATIONS:



INCI NAME: *Calophyllum Inophyllum Seed oil*

REACH PRE-REGISTRATION #: 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

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: 03-28-18