



TECHNICAL DATA SHEET

PRODUCT: TAMANU OIL (Pure Virgin)

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

APPEARANCE

COLOR GARDNER (10% MINERAL OIL)

ODOR

IDENTIFICATION BY FT-IR

MOISTURE

REFRACTIVE INDEX @ 25°C

SPECIFIC GRAVITY @ 25°C

H-NMR

AOM @ 20-50 hours

SAPONIFICATION VALUE

IODINE VALUE

PEROXIDE VALUE

MICROBIOLOGY

AEROBIC

MOLDS & YEAST

MICROBIAL E. COLI

MICROBIAL SALMONELLA

SPECIFICATION

DARK GREEN TO BROWN, SEMI VISCOUS OIL

10 MAXIMUM

NUTTY

MATCHES STANDARD

LESS THAN (<) 1 %

1.30 – 1.50

0.91 – 0.95

MATCHES STANDARD

20 meq/kg MINIMUM

150 – 200

80 – 120 g / 100g

6.0 meq/Kg MAXIMUM

LESS THAN 100 CFU/ML

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ABSENT

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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: 05-01-15