



NHR ORGANIC OILS
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Certificate of Analysis Sheet
Organic Tamanu Oil
(Calophyllum inophyllum)

PRODUCT NAME: TAMANU SEED OIL, COLD PRESSED ORGANIC
BATCH NUMBER: 050226-4
PRODUCT INCI: CALOPHYLLUM INOPHYLLUM SEED OIL
CAS NUMBER: NOT LISTED
EINECS NUMBER: NOT LISTED
MANUFACTURING METHOD: SUNDRIED SEEDS & COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID IN ROOM TEMP / SOLID IN COLD TEMPS	COMPLIES
ODOUR	CHARACTERISTIC	COMPLIES
COLOUR	GREEN – DARK GREEN - BLACK	COMPLIES
SPECIFIC GRAVITY @ 20°C	0.910 – 0.960	0.915
REFRACTIVE INDEX @ 20°C (NR)	1.450 – 1.500	1.482
PEROXIDE VALUE	<20.0	10.1
ACID VALUE	<100.0	31.1
IODINE VALUE	75.0 – 98.0	86.0
SAPONIFICATION	190.0 – 205.0	197.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	10.0 – 20.0	14.5
C 16:1	PALMITOLEIC	0.1 – 1.0	0.6
C18:0	STEARIC	10.0 – 20.0	16.8
C18:1	OLEIC	35.0 – 45.0	40.5
C18:2	LINOLEIC	25.0 - 35.0	26.7

*The attached information is considered to be correct at the time the client received this information.
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*