



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Tamanu Oil

(*Calophyllum inophyllum*)

BATCH NUMBER: 270622-2
ORIGIN: MADAGASCAR
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	-
ODOUR	CHARACTERISTIC	-
COLOUR	GREEN – DARK GREEN - BLACK	-
SPECIFIC GRAVITY @ 20°C	0.905 – 0.940	0.916
REFRACTIVE INDEX @ 20°C (NR)	1.455 – 1.490	1.480
IODINE VALUE	75.0 – 98.0	79.8
PEROXIDE VALUE	<25.0	0.5
SAPONIFICATION	190 - 205	190.1
ACID VALUE	<76.0	31.4

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	10.0 – 20.0	14.6
C18:0	STEARIC	10.0 - 20.0	14.1
C18:1	OLEIC	20.0 – 45.0	40.2
C18:2	LINOLEIC	25.0 - 40.0	30.8

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