

Description: Tamanu Oil (Foraha Oil), CP, Organic

LOT No: 64871

Inci Name: Calophyllum Inophyllum (Tamanu / Foraha) Seed Oil

Cas Nos: 241148-25-4

Einecs No: N/A

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE @ 20°C	Green to dark olive mobile liquid, may solidify	Complies
ODOUR	Free from rancid foreign odours	Complies
FREE FATTY ACID (%)	≤ 40	23.8
IODINE VALUE	80 – 100	87.2
PEROXIDE VALUE (MEQ O ₂ /Kg)	≤ 10	1.66
SAPONIFICATION VALUE	182 – 202	193.1
ACID VALUE (mg KOH/g)	≤ 80	47.8
MOULDS (CFU/G)	≤ 100	2
TOTAL VIABLE COUNT (CFU/G)	≤ 100	1
YEASTS (CFU/G)	≤ 100	2

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	PALMITIC	C16:0	7.0 – 15.0	13.9
	STEARIC	C18:0	10.0 – 16.0	13.9
	OLEIC	C18:1	25.0 – 48.0	41.1
	LINOLEIC	C18:2	20.0 – 34.0	29.3
	ALPHA LINOLENIC	C18:3	≤ 2.0	0.2
	ICOSANOIC	C20:0	≤ 1.0	0.6
	ICOSENOIC	C20:1	≤ 1.0	0

Date Produced March 2014

Best Before: March 2015

R00585

Revised: 12/03/2014 JD