

TECHNICAL DATA SHEET

Product Name	TAMANU (FORAHA) OIL
Botanical Name	Calophyllum inophyllum
Product Code	PCO4022
CAS #	241148-25-4 ; 223748-12-7
INCI Name	Calophyllum inophyllum Seed Oil

Part Used	Nuts
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Olive green colored slightly viscous liquid
Odour	Characteristic nutty, green odour
Refractive Index	1.460 - 1.495 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.960 @ 20°C
Saponification Value (mgKOH/g)	185 - 235
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	80 - 120
Free Fatty Acids (% oleic)	Less than 40.0
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	10.00 – 18.50
Stearic Acid	C18:0	11.00 – 20.00
Oleic Acid	C18:1 (n-9)	36.00 – 53.00
Linoleic Acid	C18:2 (n-6)	20.00 – 38.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 1.0

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paras Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.