

**TECHNICAL DATA SHEET**

Effective date: 11.2020

Virgin Tamanu Oil**INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Calophyllum inophyllum seed oil
Botanical name	Calophyllum inophyllum L.
Manufacturing process	Tamanu Oil is extracted by cold pressure from the seeds of the Polynesian Tamanu tree. The oil is 100% pure virgin Tamanu nut oil.
Description	Tamanu Oil is thick in viscosity but is fluid at room temperature. It may solidify or separate at cold temperatures.
Part used	Seeds

TECHNICAL DATA**Physical parameters**

Appearance	Liquid, slightly viscous
Color	Green
Odor	Characteristic, nutty, aromatic
Relative density at 20°C	[0.935 ; 0.950] g /cm ³
Refractive index at 20°C	[1.475 ; 1.495]
Acid value	27 - 78
Iodine value	80 - 98
Saponification value	190 - 200

Chemical parameters

Fatty acid composition	%
Palmitic acid (C 16:0)	10,0 - 18,0
Stearic acid (C 18:0)	10,0 - 18,0
Oleic acid (C 18:1)	30,0 - 48,0
Linoleic acid (C 18:2)	23,0 - 38,0
Arachidic acid (C 20:0)	0,5 - 2,0
Eicosenoic acid (C 20:1)	Max 0,5
Behenic acid (C 22:0)	Max 0,8

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TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed packaging, away from light, at a steady and moderate temperature. Shake well before use.
Shelf Life	36 months, in closed packaging and the recommended conditions.
Customs code	-

LEGISLATION

Certification	-
CMR substances	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008.
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
EINECS	273-313-5
CAS	68956-68-3 / 223748-12-7

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.