

Commercial Name	Tahiti Organic Virgin Tamanu Oil
INCI name	Calophyllum inophyllum seed oil

## Identity card

**Family:** Calophyllaceae

**Renewable botanical origin:** nucleus almond

**Geographic origin:** Tahiti (French Polynesia)

**Color:** yellowish to deep green

**Form:** slight viscous liquid ( it could partially crystallize at T < 30°C)

**Odor:** characteristic

**Certification:** Cosmos Certified



## Specification

- EXTRACTION: almonds are harvested, washed, manually sorted and dried in Tahiti.
- The oil is obtained by almonds cold-pressing.

Composition	Q <sup>r</sup> (%)
Fatty acid - Omega 9	43
Fatty acid - Omega 3	24
Stearic acid	16
Palmitic acid	14
Unsaponifiable content (Squalene & Stigmasterol)	0,7

## Specifications

### Values

Specifications	Values
Refractive index	1,47 -1,49
Relative density	0,92 - 0,95
Acide index ( mg KOH/g)	< 50
Peroxide value (meqO <sub>2</sub> /Kg)	< 20
Dose suggested	0,5-100%
Shelf Life	24 months
Reach status	Natural product
Preserving agent	None

## Properties and applications

- Tahiti Organic virgin tamanu oil is a socially, environmentally responsible and committed project at the heart of French Polynesia
- "Green gold of the Pacific", "sacred oil", "Oil with a thousand virtues", such are the nicknames given in Polynesia to Calophyllum inophyllum L., locally called "tamanu" in French Polynesia
- Most of the bioactive properties of tamanu oil are attributed to oil composition including the presence of resinous compounds in tamanu oil beside common fatty acids, which constitutes a unique characteristic of this healing oil.
- Tahiti Organic Virgin Tamanu Oil naturally contains a high rate of essential fatty acids associated with unsaponifiables which confers soothing, regenerating and repairing properties for skin
- Tahiti Organic Virgin Tamanu Oil promotes wound healing in keratinocyte cells (HaCaT) and also in fibroblast cells (HMDF)
- Calophyllolide (isolated from Calophyllum inophyllum) was also reported to reduce fibrosis formation
- Tahiti Organic Virgin Tamanu Oil provides an unique dry touch without greasing effect despite the very nourishing and film forming properties.
- The after feel is a smooth skin with a glowing effect