

Tamanu “Expert”

Virgin Oil

Calophyllum inophyllum, Clusiaceae

INCI Name: **Calophyllum inophyllum seed oil**

The Tamanu tree raises its beautiful silhouette on the beaches of Tahiti and Her Islands. Its large and abundant leaves of a profound and glazing green spread a welcome and refreshing shadow on the coral sands of the Pacific Ocean. It carries tiny white flowers with a sensuous fragrance. Twice a year, the tree produces round fruits from which is extracted a unique rich oil. The analytical and evaluation studies conducted on Tamanu oil have drawn all the attention of the scientific community. Some specific molecules in the oil are indeed presented among the most promising molecules of the vegetable world.

Chemical composition of Tamanu Expert Virgin Oil

The oil is rich in essential fatty acids among which:

Oleic acid: 41,6%

Linoleic acid: 24,3%

And in original neoflavonoids: calophyllolides : calophyllic acid
and inophyllolides

The Tamanu Expert Virgin Oil is exempt of the 26 allergen substances listed in 2003/15/CE European directive.

These molecules have been studied in the medical field for their healing and antibiotic properties. The oil obtained by classical extraction methods presents a strong green color and a characteristic smell. In order to facilitate the formulation work in the cosmetic industry, Pacific Way has designed a unique process to produce a high quality virgin oil with a very clear color and a very low odor – without losing anything of its active value: Tamanu Expert Virgin Oil.

Properties the empirical properties of the oil have been confirmed by clinical evaluation and substantiated by the discovery of the original bioactive molecules of Tamanu virgin oil and their mode of action. These molecules belong to three main families: coumarines and neo-flavonoids, triterpenes and xanthenes. **Calophyllolides:** natural neo-flavonoids with antiobiotic, anti-inflammatory and anticoagulant properties (sunburns, erythema, etc.)

Calophyllic acid: natural neo-flavonoids with healing properties

Inophyllolides: natural neo-flavonoids with anti-viral properties

Moisturizing, nourishing and regenerative (cells of the epidermis)

Studies reports available upon request.

Applications Tamanu virgin oil is used in the practice of the Taurumi Maohi, the art of massage in Polynesian Spa. It is recommended in the formulation of after sun products for its soothing and regenerative properties. Moreover, its healing and calming properties makes it a prime choice active ingredient in anti-ageing products as well as male grooming formulas (After Shave).