

# *South Pacific True Monoi Oil*



*Novel Exotic Functional Active  
Cosmetic Ingredients and Raw Materials*



**CAMPO RESEARCH PTE LTD**

Level 30, 6 Battery Road, Singapore 049909

Tel: (65) 63833203 / 202 / 63833631

Direct Fax (65) 63833632 / 63834034

Email: [sales@campo-research.com](mailto:sales@campo-research.com) Website: <http://www.campo-research.com>

CAMPO® Multi-Purpose Cosmetic Base Chemicals & Active Ingredients

CAMPO® Novel Functional Active Cosmetic Ingredient & Raw Materials

## DESCRIPTION:

A deciduous tree with thick and fleshy branches containing milky juice; leaves spirally arranged with an intramarginal vein, borne at the ends of braches, flowers white wih yellow or cream-colored centre, sometimes pink outside in terminal panicles, very fragrant; fruits follicles, brownish black, rarely produced.

Trees with copious latex. Brachlets 2-3 cm thick, nearly fleshy. Leaves alternate, long petiolate. Cymes terminal, 2-or 3 branched, pedunculate; bracts usually large, deciduous before anthesis. Flowers fragrant, waxy. Calyx small, faucal scales absent; lobes overlapping to left. Stamens inserted at or near base of corolla tube; anthers free from pistil head, oblong, rounded at base; disc absent. Ovaries 2, distinct; ovules numerous, multiseriate on each placenta. Style short; pistil head with obtusely 2-cleft apex. Follicles 2. Seeds many, flat proximally, with a membranous wing; endosperm fleshy; cotyledons oblong, radicle short.

## ETHNOBOTANY:

The Spaniards may have taken it across the Pacific as an ornamental tree, but it is more probable that they took it because it was medicinal.

In India, for instance, it was used for skin complaints and intermittent fevers, and for dispersing dropsies by purging caused when it is applied to the abdomen. Up to the present day West Indies, the bark is used as diuretic and the latex for purging.

In Java and Madoera, a decoction of the bark is given for gonorrhoea dropsy and dysuria due to venereal disease. It is used as a counter-irritant on the gums for tooth-ache, and is sometimes dropped into sores. A decoction of the leaves may be used as a lotion for cracks and eruptions on the soles of the feet, and a paste of the leaves for poulticing swellings. True Monoi Oil is sparingly used by the natives of South Pacific Islands as a sun protection factor on their bodies.

The flowers are apparently much milder in action than other part of the plant. The flowers are eaten in India with betel to cure ague. The siamese use an infusion of the flowes in a cosmetic, applied after bathing. This infusion imparts a pleasant scent and is slightly rubefacient. It has been suggested that the flowers might be used in scent-making.



## EXTRACTION OF SOUTH PACIFIC TRUE MONOI OIL

Super critical gaseous CO<sub>2</sub> oily extract and is a pure undiluted extract of the Plumeria flower blossom.

This modern method is almost identical to the South pacific melted animal lard and Plumeria flower blossom infusion.

## APPLICATION

MONOI oil by CAMPO is a South Pacific True cosmetic oil extracted from the florescence of the sweet-smelling frangipanni. This oil has been an essential secret for beautiful skin and hair and through Campo's innovative techniques made this oil more refined that it quickly soothes and revitalize tired skin and damaged hair. This beauty secret oil from the south pacific is now available for you.



### Skin Care:

South Pacific True Monoi oil can be used as a bath oil. It also has a moisturizing effect keeping skin soft and smooth. It leaves behind a delightful floral fragrance on the skin.

### Hair Care:

South Pacific True Monoi oil brings back the lustre of dry hair. It conditions and deeply penetrates the hair giving it shiny and more body. It also gives protection from UV damage of hair strength.

**SUN SCREEN PROTECTION:**

South Pacific True Monoi oil is a natural UV filter. As a natural UV filter, it gives an effective protection against UV-B rays in the erythem range.

The oil gives the best effect in W/O-EMULSIONS: During swimming there is in addition a better water-resistance of the W/O-emulsions.

An additive of a water-soluble sun protective factor in W/O-emulsions improves the sun protective effect considerably.

**SOLUBILITY**

Isopropylmyrisate	Approx. 42%
Peanut Oil	Approx. 35%
Cetoil	Approx. 42%
Clear Colorless Ceramide	Approx. 40%
Neem Oil	Approx. 32%
Paraffin oil (Mineral Oil)	Approx. 25%
Sesame Oil	in any proportion
Thulasi Ashwini Root Oil	in any proportion

South Pacific True Monoi Oil has an excellent photostability. This UV-filter is used with 10% in an O/W-base as a cream to compare and ascertain the sun protective factor.

**CAMPO RESEARCH Pte Ltd  
TECHNICAL SPECIFICATION**

Product Name (Campo Research) Other Trade Names (Campo Research)	<b>CAMPO SOUTH PACIFIC TRUE MONOI OIL FRANGIPANNI EXTRACT</b>
Existing CTFA / INCI Name	Plumeria Acutifolia Flower Extract
Chinese Translation	鸡蛋花 (PLUMERIA ACUTIFOLIA) 花提取物
CAMPO PRODUCT # HS Code	<b>57453</b> 1302.19.0000
CTFA Monograph ID	7696 – Plumeria Acutifolia Flower Extract
CAS# CAS# EU	N/A – Plumeria Acutifolia Flower Extract 92457-29-9 (EU) – Plumeria Acutifolia Flower Extract
EINECS Numbers and Name EINECS# EU	N/A – Plumeria Acutifolia Flower Extract 296-311-6 (EU) – Plumeria Acutifolia Flower Extract
EINECS Number and Name EINECS# EU European Commission–Health & Consumer Cosmetics–Cosing	Plumeria Acutifolia Flower Extract <a href="http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.details_v2&amp;id=36621">http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.details_v2&amp;id=36621</a> Plumeria Acutifolia Flower Extract – 296-311-6 (EU)
BATCH / LOT	<b>See COA Batch Lot</b>
SPECIES	Plumeria Acutifolia Syn: Plumeria Acutifolia Flower Extract
PARTS USED	Flowers
RAW MATERIAL – ORIGIN	South Pacific
CONCENTRATION	-
COMMENTS	Total wildcrafted from Aboriginal tribal lands.  A Quality Management System, compliant to the International Standard ISO 9001, was used to manufacture and test this material  <b>*Shake Well Vigorously Before Opening The Lids And Use.</b>  <b>*Please take note that all specifications are liable to changes without prior notice.</b>

<u>Specification Parameter</u> <u>Analysis</u>	<u>Specification</u> <u>Range</u>	<u>Results</u>	<u>Methods</u>
Physical Form	Liquid	Conforms	Visual
Color	Colorless Oil With Slight Yellowish	Conforms	Visual
Odor	Characteristic	Conforms	Olfactory
Specific Gravity (20deg.C)	0.8200 – 0.9900	See COA	USP XXIX / Paar,DMA35
Refractive Index (20deg.C)	1.500 - 1.550	See COA	USP XXIX / DGF IV C (52)
pH(20deg.C.) (100% concentrate) (pH for Campo Internal QA Purpose Only)	4.50 – 6.50	See COA	USP XXIX / DGF H III (92)
Water Content	-	-	-
Acid Value	-	-	-
Hydroxyl Value	-	-	-
Viscosity	-	-	-
Water Solubility	Insoluble	Conforms	-
Preservation	None	None	-
Pesticides	None	None	Pflanzaniaschuttal 1989

Dry Residue (160deg.C/2hrs)	< 3%	See COA	Mettler 16J
Total Germs	<100 CFU/ml	Conforms	USP XXIX / Ph.Eur.2.6.12(97)
Total Yeast/Mold	<100 CFU/ml	Conforms	USP XXIX / Ph.Eur.2.6.12(97)
Heavy Metals(Total)As,Pb,Hg	<0.01 ppm	Conforms	USP XXIX / Ph.Eur.2.6.12(97)

CAMPO RESEARCH Pte. Ltd, SINGAPORE  
 CAMPO RESEARCH USA, INC SAN DEIGO CA 92111, & Manhattan, New York City, USA  
 CAMPO RESEARCH s.r.o., Brno, Czech Republic  
 CAMPO RESEARCH Pvt. Ltd, CHENNAI, INDIA  
 CAMPO RESEARCH CANADA LTD, TORONTO, CANADA

MATERIAL SAFETY & CONSUMER SAFETY TESTING LABS.  
 DIV. OF JTC KAMPOYAKI SINGAPORE  
EMERGENCY MATERIAL SAFETY / ACCIDENTAL RELEASE CENTER Contact:  
*Emergency Tel.no: +(65)-63833202/63833631(24hours) /63228551/63228503*  
*Emergency Fax No: +(65)-63833632(24hours),63824680, 63228558*  
*EMAIL: msds911@campo-research.com*

**Campo South Pacific True Monoi Oil ©.**

**© US. Library-of Congress 1989-2017 ©**