

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 Website: <http://www.campo-research.com>

CAMPO® Multi-Purpose Cosmetic Base Chemicals & Active Ingredients

CAMPO® Novel Functional Active Cosmetic Ingredient & Raw Materials



SOUTH PACIFIC TRUE MONOI OIL

For over centuries, PLUMERIA has been an enchanting plant. It is one of the most popular ornamental plants in the South Pacific not only because of its unique beauty but also because of its captivating scent. Today, this nature's endowment comes alive right into our skin and hair.

PLUMERIA, a genus of Shrubs and trees of the family Apocynaceae. *P. acutifolia*, Poir. FRANGIPANNI; *Chempaka* (in common with *Michelia*), *Chempaka muliya* (a splendid *Michelia*), *Chempa raya* (big *Michelia*), *Bunga kemboja* (flower of Cambodia), *Bunga kemoja*; in Java, *Kamboja*, *Samboja*, *Semboja*; in Sudanese, *Kamoja*, *Samoja*; in Siam, *Champa lao*, *Champa khawm*, *Rantom*.

South Pacific Monoi Oil is a true oil extract from the flowers of *Plumeria acutifolia*. Its essence and purity is being preserved unlike other similar oils in the market that incorporate extraneous oils derived from palm. Furthermore, South Pacific Monoi Oil boasts for its high sun protective factor which is not exhibited by other products.

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 with 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 flowers 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 CO₂ 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)	CAMPO SOUTH PACIFIC TRUE MONOI OIL FRANGIPANNI EXTRACT
Existing CTFA / INCI Name	Plumeria Acutifolia Flower Extract
Chinese Translation	鸡蛋花 (PLUMERIA ACUTIFOLIA) 花提取物
CAMPO PRODUCT # HS Code	57453 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 http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.details_v2&id=36621 Plumeria Acutifolia Flower Extract – 296-311-6 (EU)
BATCH / LOT	See COA Batch Lot
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 *Shake Well Vigorously Before Opening The Lids And Use. *Please take note that all specifications are liable to changes without prior notice.

<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 ©

**“(SAFETY DATA SHEET – compliant to GHS)”
 CONFIRMS TO EC DIRECTIVE 91/155/EEC, EC REGULATION
 NO#1272/2008, AMENDED EC REGULATION NO#790/2009 and
 Complies to The EU Cosmetic Products Regulation (Regulation (EC) No
 1223/2009) effective on July 2013., and to EU Commission Regulation
 No.358/2014/9 of 9th April 2014 amending Annexes II and V, to EU
 Regulation No.1223/2009 of The European Parliament and of The Council
 on Cosmetic products, (Effective Date 31st October 2014) AND to US
 DEPT.OF LABOR-Occupational Safety & Health Admin directives, and
 compliant to IECIC China 2015 December Directive, and compliant to
 Globally Harmonized System of Classification and Labeling of Chemicals
 (hereinafter referred to as “the GHS”)., and Complies and Confirms to the
 Requirements of State of California Proposition 65.**

A Quality Management System, compliant to the International Standard ISO 9001, was used to manufacture and test this material

<http://www.osha.gov/dsg/hazcom/ghs.html>

http://www.unece.org/trans/danger/publi/ghs/ghs_welcome_e.html

<http://www.hc-sc.gc.ca/ahc-asc/intactiv/ghs-sgh/index-eng.php>

DATE OF FIRST ISSUE	May 5th 1996-Reviewer - Dr Balasubramaniam PhD
DATE OF LATEST REVISION	Jan. 20th 1997- Reviewer- Dr Fergus Jes .G.Velasquez Bsc. Med Tech, MD Mr Jimmy Kee, 30th June 2003 Mr Teo SH 5th Jan 2004 Balasubramaniam M,PhD 21st August 2007 Mr Joshua Teo, 21st Jan 2011 Februrary 5th 2013 – Reviewer – Dr Balasubramaniam M PhD 12th February 2015 - Joshua Teo BSc. Chem, Dr Balasubramaniam M. PhD & Oksana Nemchenko MD 15th May 2016 - Joshua Teo BSc. Chem, Dr Balasubramaniam M. PhD & Oksana Nemchenko MD
1 PRODUCT AND COMPANY IDENTIFICATION	
COMMERCIAL NAME:	CAMPO SOUTH PACIFIC TRUE MONOI OIL
OTHER TRADE NAME:	FRANGIPANNI EXTRACT
LATIN NAME:	Plumeria acutifolia
CTFA ADOPTED NAME / INCI NAME:	Plumeria Acutifolia Flower Extract
CHINESE TRANSLATION:	鸡蛋花 (PLUMERIA ACUTIFOLIA) 花提取物
INTERNATIONAL CHEMICAL IDENTIFICATION <i>(EC REGULATION NO#1272/2008 AMENDED NO#790/2009) and Compliant to the GHS:</i>	Plumeria Acutifolia Flower Extract

EPA (USA) GENERIC NAME:	-
MANUFACTURER: (cGMP MFG. FACILITIES)	CAMPO RESEARCH Pte Ltd Level 30, 6 Battery Road Singapore 049909
EMERGENCY TELEPHONE NUMBERS:	(+65) 6383 3631 / (+65) 6322 8503 (Singapore)
2 HAZARDS IDENTIFICATION	
NOT CLASSIFIED AS DANGEROUS ACCORDING TO DIRECTIVE 67/548/EEC OR ITS AMENDMENTS.	DIVISION 1.6; NON-HAZARDOUS NO HAZARD STATEMENT
HAZARD CLASS and CATEGORY CODE(s)	PICTOGRAM : NONE
HAZARD STATEMENT CODE(s) <i>(EC REGULATION NO#1272/2008 AMENDED NO#790/2009) and compliant to the GHS</i>	No GHS Pictogram (Totally Non-Hazardous) Division 1.6; NO HAZARD STATEMENT
<u>GHS CLASSIFICATION :</u> This material is Non-hazardous according To UN-GHS Criteria.	PICTOGRAM : NONE No GHS Pictogram (Totally Non-Hazardous) Division 1.6; No Hazard Statement.
<u>GHS LABEL ELEMENTS:</u>	No GHS Pictogram (Totally Non-Hazardous) Division 1.6; No Hazard Statement.
3 COMPOSITION / INFORMATION ON INGREDIENTS	
100 PERCENT CARBON-DIOXIDE GAS EXTRACTED PLUMERIA ACUTIFOLIA FLOWERS OIL SOLUBLE COMPONENTS	Plumeria Acutifolia Flower Oil Extract
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
CAS NO# (CAS Name) <i>(EC REGULATION NO#1272/2008 AMENDED NO#790/2009)and compliant to the GHS</i>	92457-29-9 – 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# (EINECS Name) <i>(EC REGULATION NO#1272/2008 AMENDED NO#790/2009) and compliant to the GHS</i>	296-311-6 – Plumeria Acutifolia Flower Extract
EINECS Name and Number EINECS# EU European Commission–Health & Consumer Cosmetics–Cosing	Plumeria Acutifolia Flower Extract http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.details_v2&id=36621 Plumeria Acutifolia Flower Extract – 296-311-6 (EU)
RISK PHRASES SAFETY PHRASES 25-26	None Not Mandatory

<p><u>GHS CLASSIFICATION :</u> This material is Non-hazardous according To UN-GHS Criteria.</p>	<p>PICTOGRAM : NONE</p>
<p><u>GHS LABEL ELEMENTS:</u></p>	<p>No GHS Pictogram (Totally Non-Hazardous) Division 1.6; No Hazard Statement.</p>
<p>4 FIRST AID MEASURES</p>	
<p>EYE CONTACT:</p>	<p>Wash with water or standard eye wash solution. Seek medical advice, if irritation occur and persist.</p>
<p>ORAL INGESTATION:</p>	<p>Essentially edible in small quantity (10 – 50 grams) with bitter sweet after taste.</p>
<p>SKIN CONTACT:</p>	<p>Wash with water or shower</p>
<p>5 FIRE FIGHTING MEASURES</p>	
<p>COMBUSTIBLE BUT PRESENTS NO SPECIAL FIRE HAZARD.</p>	
<p>EXTINGUISHING MEDIA:</p>	<p>Treat as oil fire when store in HDPE drums with CO₂, dry foam or dry chemical.</p>
<p>PROTECTIVE EQUIPMENTS FOR FIGHTERS:</p>	<p>Standard Equipments.</p>
<p>6 ACCIDENTAL RELEASE MEASURES</p>	
<p>ABSORB ONTO AN INERT MATERIAL AND SCRAPE UP. REMOVE RESIDUE BY SCRUBBING WITH HOT WATER OR DETERGENT SOLUTION.</p>	
<p>7 HANDLING AND STORAGE</p>	
<p>STORE IN SEALED CONTAINERS UNDER NORMAL COOL, DRY WAREHOUSING CONDITIONS.</p>	
<p>8 EXPOSURE AND PERSONAL PROTECTION</p>	
<p>IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICE AND HANDLING USING STANDARD EYE PROTECTION.</p>	
<p>9 PHYSICAL AND CHEMICAL PROPERTIES</p>	
<p>PHYSICAL FORM: COLOUR: ODOUR: BOILING POINT: MELTING POINT: VISCOSITY @ 20°C (mPa.S): FLASH POINT: FLAMMABILITY SOLID/GAS: AUTO FLAMMABILITY: SPECIFIC REFRACTIVE: EXPLOSIVE PROPERTIES: pH: (100% Concentrate) (pH for Campo Internal QA Purpose Only) OXIDIZING PROPERTIES: VAPOUR PRESSURE: DENSITY: WATER SOLUBILITY: OTHER SOLUBILITY: BULK DENSITY: PARTITION COEFFICIENT: (OCTANOL/WATER) EXPLOSIVE LIMITS:</p>	<p>Oil free flowing liquid Colorless Oil with Slight Yellowish Charateristic 90°C - - - N/A N/A 1.500 – 1.550 N/A 4.5 – 6.5 N/A N/A 0.820 – 0.990 Insoluble In most cosmetic solvents - - -</p>

10 STABILITY AND REACTIVITY	
THERMAL DECOMPOSITION:	Stable under normal conditions of use.
11 TOXICOLOGICAL DATA	
ORAL:	LD ₅₀ > 7,500 MG/KG (Body Wt.) Rat Essentially Non-Toxic and Edible in Small Quantity.
DERMAL:	Expected To Be Essentially Non Toxic.
INHALATION:	N/A
SPECIFIC CONCENTRATION LIMITS M-FACTORS <i>(EC REGULATION NO#1272/2008 AMENDED NO#790/2009) compliant to the GHS.</i>	7,500 MG/KG (Body Wt.); CATEGORY 5 Essentially Non-Toxic and Edible in Small Quantity.
TOXIC EFFECTS:	
SKIN:	Primarily Irritation Index (PII) = 0.0 (Non-Irritating - Skintex), Not A Primarily Irritant. Non-irritant / Non-sensitizer as per Repeated Patch Insult Test on 50 Human volunteers. Human Repeated Patch Test 48 hours: 50/50 completely non-irritating / non-erythema causing ingredient at 50% concentrate on 50 human volunteers
EYE:	Very Mild/Minimal-not A Transient Conjunctival Irritant at 3% concentrate in water (Eyetex Classification). <i>Summarized toxicological data as shown here are formation bounded under Non-Disclosure Agreement with various clients as when these Toxicological Data were established or their exclusive uses.</i>
12 ECOLOGICAL INFORMATION	
BIODEGRATION:	Expected To Be Ultimately Biodegradable.
FISH TOXICITY:	No Data
BACTERIAL & VIRAL TOXICITY:	No Data
WGK CLASS:	WGK (Self Classification)
13 DISPOSAL CONDITIONS	
DISPOSE OFF ACCORDING TO A RECOGNISED METHOD OF CHEMICAL WASTE DISPOSAL.	
14 TRANSPORT INFORMATION	
UN NUMBER# :	N/A
UN NAME:	Not Assigned
IMDG CODE/CLASS:	Not Hazardous
IMDG CODE PAGE NO.	N/A
ICAO/IATA AIR CLASS:	Non-Hazardous
ICAO/IATA AIR CLASS PACKING GROUP:	N/A
RID/ADR CLASS:	Non-Hazardous
ADNR CLASS:	Non-Hazardous
LABELLING: <i>(EC REGULATION NO#1272/2008 AMENDED NO#790/2009) and compliant to the GHS.</i>	

PICTOGRAM SIGNAL WORD CODE(s):	No GHS Pictograms (Totally Non-Hazardous)
HAZARD STATEMENT CODE(s):	Division 1.6; No Hazard Statement
SUPPLEMENTARY HAZARD STATEMENT CODE(s):	Similar Division 1.6; No Hazard Statement
15 REGULATORY INFORMATION	
OCCUPATIONAL EXPOSURE LIMITS:	N/A
U.S. State of California Proposition 65 INGREDIENTS Presence	None (Exempted from CA Prop 65 Register)
EU Commission Regulation No.358/2014/9 of 9 th April 2014 amending Annexes II and V, to EU Regulation No No.1223/2009 of The European Parliament and of The Council on Cosmetic products	“Contains No Parabens and nor contains any Branched Chain Parabens”.(EU Regulation No.358/2014/9 of 9 th April 2014)
16 OTHER INFORMATION	
USES AS A COSMETIC ADDITIVE	0.5 – 6.0%
This format and information is compiled by Kamoyaki Novel Natural Product Chemistry/ Novel Drug Discovery cGMP Labs Kobe, Japan; for Campo Research, Kyoto and Singapore.	*Please take note that all specifications are liable to changes without prior notice.

Campo South Pacific True Monoi Oil ©.

© US. Library-of Congress 1989-2017 ©

DISCLAIMER :

The information contained herein is accurate to the best knowledge and belief of Campo Research Pte Ltd, and specification quoted may change without prior notice. Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. The company, Campo Research Pte Ltd, however, cannot assume any liabilities or risks involved in the use of its natural products or their derivatives or raw materials or ingredients, since the conditions of use are beyond Campo Research Pte Ltd's control. Statements concerning the possible use are not intended as recommendations to use our materials in the infringement of any patents or infringements of mandatory regulatory requirements or without any safety evaluations conducted when used in combination with materials of other suppliers.. We make no warranty of any kind, expressed or implied, other than that the material conforms to the applicable standard specifications. Campo Research Pte Ltd accepts no liabilities of whatsoever either expressed or as otherwise arising out of the information supplied, the application, adaptation or processing of the products described herein, or the use of other materials in lieu of the Campo materials or the use of Campo raw materials or ingredients in conjunction with any other products and raw materials. The use of Campo Research Pte Ltd's raw materials or ingredients in any formulations are to be compulsory tested and to be assayed for safety and toxicology profiles evaluations and according the mandatory regulations as required by the laws and regulations of the countries where the evaluation and use of Campo Research Pte Ltd's raw materials or ingredients has been formulated as single components in any carrier systems or as in multi-components formularies. The end-users, marketers; manufacturers, formulation laboratories or importers of Campo Research Pte Ltd' raw materials and ingredients which are incorporated into any formularies as formulated or re-sold or re-exported or assayed in accordance with any mandatory regulatory requirements of any country or infringement of any patents assume all liabilities as that may arise out of the use of Campo Research Pte Ltd's raw materials and ingredients in any formularies in combination with raw materials and ingredients of other suppliers or as single components in any carriers. The definition of users as mentioned in these instances are manufacturers, marketers, formulation laboratories, consultants, and importers assumed all liabilities arising as either personal injuries suits, infringements of patents suits, infringements of or failures to meet regulatory requirements suits of a formulary either as single components in any carrier systems or in as multi-components formularies in which are may consist of a Campo Research Pte Ltd's raw material or ingredients

IMPORTANT NOTICE

Specifications may change without prior notice. Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. The company, however, cannot assume any liability or risk involved in the use of its natural products or their derivatives, since the conditions of use are beyond our control. Statements concerning the possible use are not intended as recommendations to use our products in the infringement of any patent. We make no warranty of any kind; expressed or implied, other than that the material conforms to the applicable standard specifications.

Ask about our Herbal Natural Products Chemistry Consultancy Services – Product Registration EEC/UK New Drug Development (NDA-US); Quasi-Drug Topicals (MOHW_Japan); Development of Standards, Analysis & Profiles of Phytochemicals; Literature searches, Cultivation of Medicinal Plants, Clinical-Trials, Development of new uses for Phytochemicals and Extracts; Contract Research and Development Work in Natural Products for Novel Drugs, New Cosmetic Active Ingredients for Active Topica/OTC Cosmetic with functionality and Consumer-perceivable immediate-results, New Food Ingredients for Nutraceuticals & Functional Foods.

