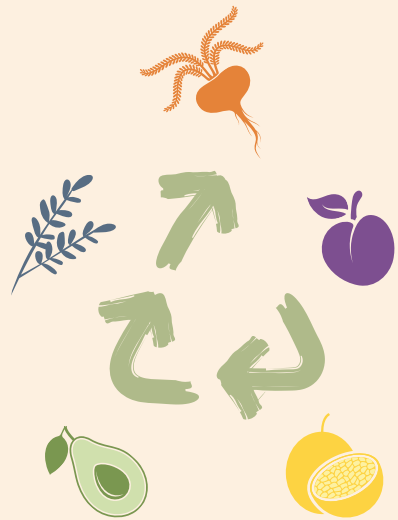


Upcycled ingredients



Expanscience upcycling philosophy

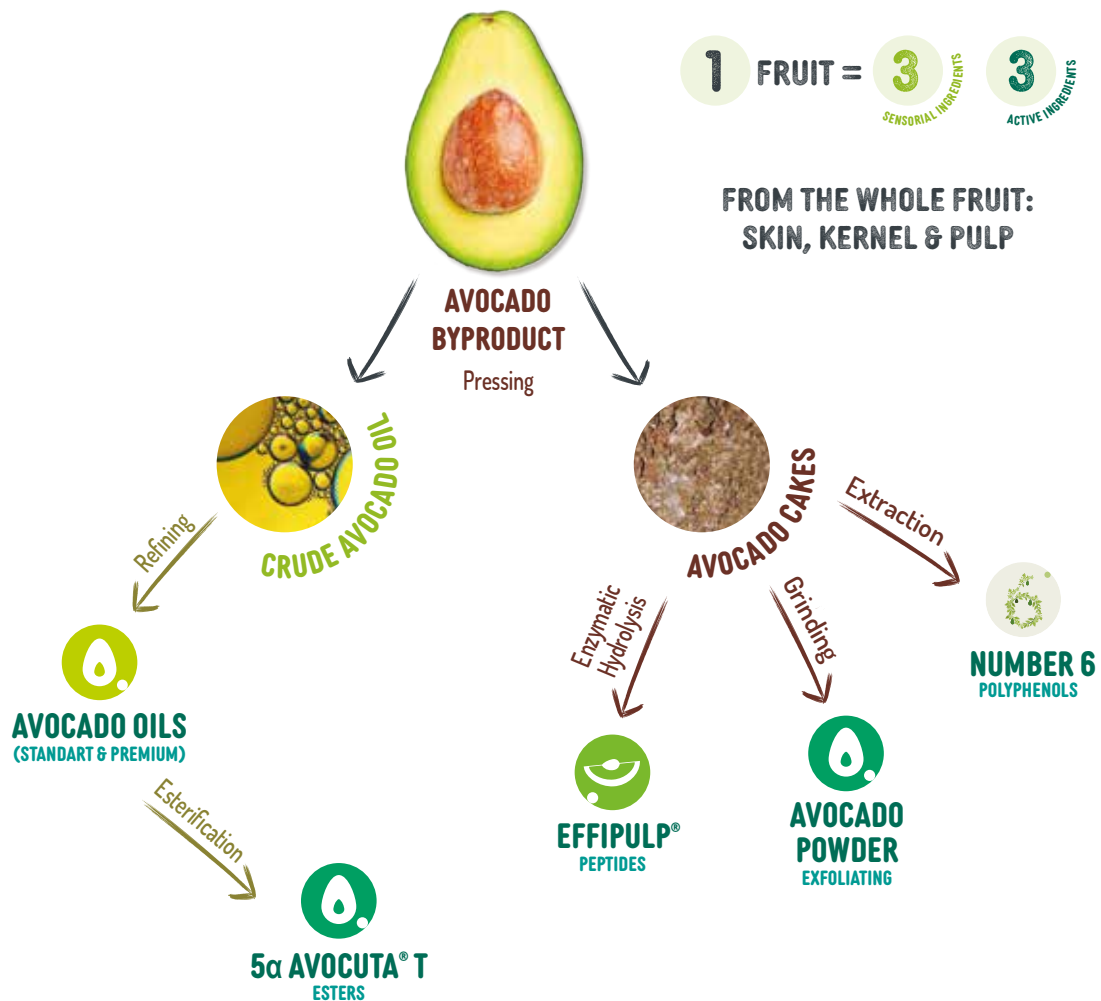
Expanscience's cosmetic active ingredients activity was born in 1977 with the upcycling of our avocado oil, that was then a byproduct of our pharmaceutical activity. Today, it is still at the heart of our development axes, as encapsulated by our philosophy "Science & Conscience, Naturally"

From a single plant, we can obtain many active ingredients with different properties. Thanks to upcycling, from which 43% of our cosmetic ingredients come from, at Expanscience we limit our impact on the environment by avoiding the creation of new cultures and the collection of other plant sources.

Avocado example

1 fruit = 6 cosmetic ingredients!

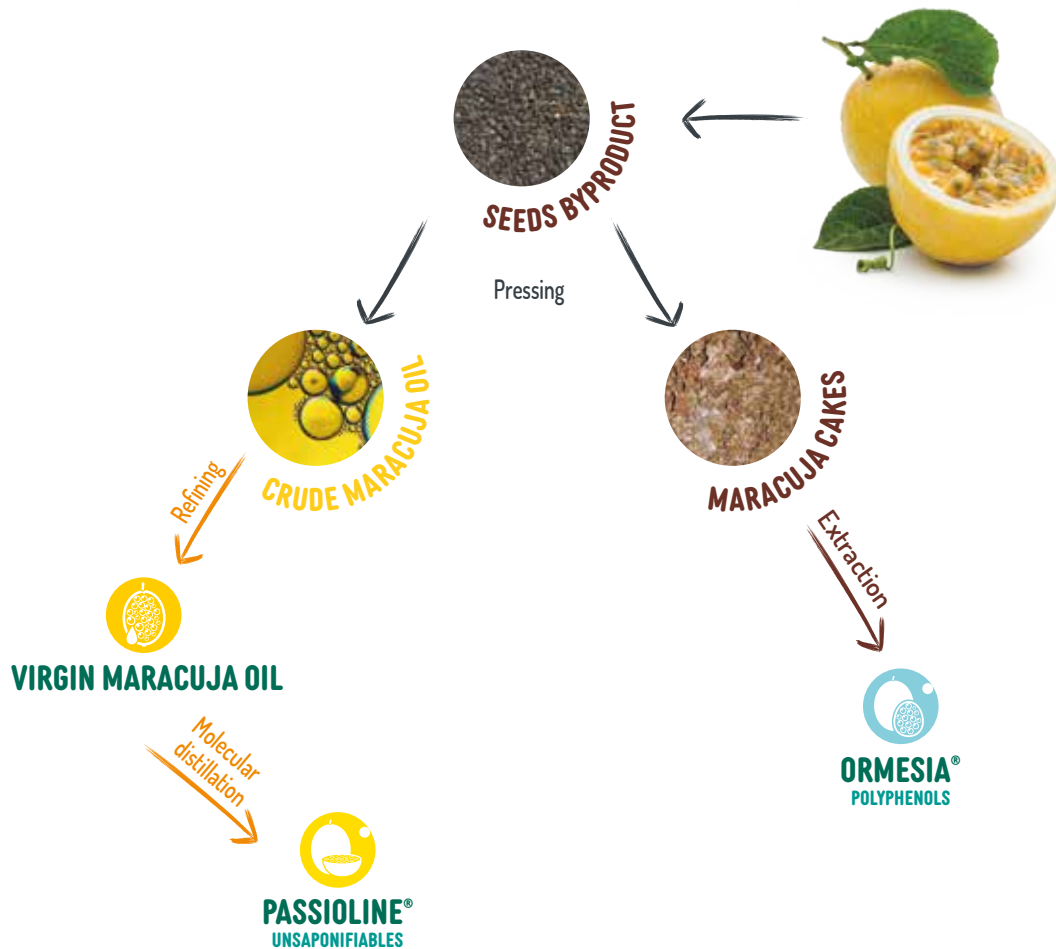
Oil and precious molecules are extracted from the avocado (peptides, polyphenols, esters...) to produce active ingredients with many different activities.



Marajuca example

1 fruit = 3 cosmetic ingredients!

Oil and precious molecules (unsaponifiables & polyphenols) are extracted from the marajuca seeds discarded from the food industry. The previous waste becomes cosmetics ingredients!



Our Peruvian supply chains

Our presence in Peru for more than 15 years with our factory Deshidratados Tropicales, based in Lima ensures a perfect control over our Peruvian supply chains (Avocado, Marajuca & Maca) and guarantees their quality, traceability and durability.

*Flash to discover
it in video!*





Avocado from Peru



Number 6
REDUCES DARK CIRCLES & EYE BAGS ·
GLOW BOOSTER · ZERO WASTE

INCI name: Propanediol, Water, Persea Gratissima (Avocado) Fruit Extrat
Avocado polyphenols



Our factory, Deshidratados Tropicales, in Lima



Effipulp®
ANTI-AGEING · DETOXIFYING ·
PLUMPING

INCI name: Persea Gratissima (Avocado) Fruit Extrat, Maltodextrin
Avocado peptides



Supply Chain

Our active ingredients Number 6 and Effipulp are made from avocados exclusively sourced in Peru.

For more than 30 years, Laboratoires Expanscience have made avocado a product of excellence.



Avocado from Peru, South Africa & Mexico



5 α -Avocuta® T SKIN & HAIR SEBUM REGULATOR

INCI name: Butyl Avocadate, Tocopherol
Esters of Avocado Oil



Avocado Powder BROWN COLOUR · SOFT FEEL · VELVETY & SOFT SKIN

INCI name: Persea Gratissima (Avocado)
Fruit Powder



Avocado Oil / Premium Avocado Oil PALE YELLOW COLOUR · SOFT FEEL EMOLIENT · ODOURLESS

INCI name: Persea Gratissima (Avocado) Oil

Process

All our ingredients made from
avocado are obtained from a
Laboratoires Expanscience
patented process.

The whole fruit (skin, pulp and core)
are sliced, dehydrated then pressed.
On the one hand we obtain avocado
oil from which esters are extracted
and on the other hand a cake from
which polyphenols and peptides
are extracted.

100% of the avocado is valued!

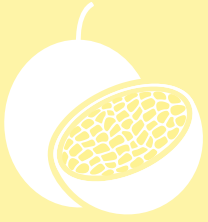


Upcycling

The avocado is upcycled not once, but twice at Expanscience!

On the one hand, we only use avocados that are unsuitable
for the food industry and on the other hand, we use a byproduct
of our pharmaceutical industry to develop active ingredients.

The previous wastes become a cosmetic active ingredient!



Maracuja from Peru



Passioline®
REPAIRING · REMODELLING · SOOTHING

INCI name: Passiflora Edulis Seed Oil
Maracuja oleodistillate rich in unsaponifiables



Virgin Maracuja Oil
GOLDEN COLOUR · DRY TOUCH · PASSIONFRUIT · FRAGRANCE

INCI name: Passiflora Edulis Seed Oil

Supply chain

Maracuja (passionfruit) native to South America, is a climbing vine very well known for the use of its fruits, which have a high antioxidant content, and from which is extracted a very refreshing juice.

Our Maracuja is sustainably sourced in Peru.

Upcycling

Our ingredients made from Maracuja are obtained from an upcycling process as they are extracted from the seeds, discarded from the food industry.

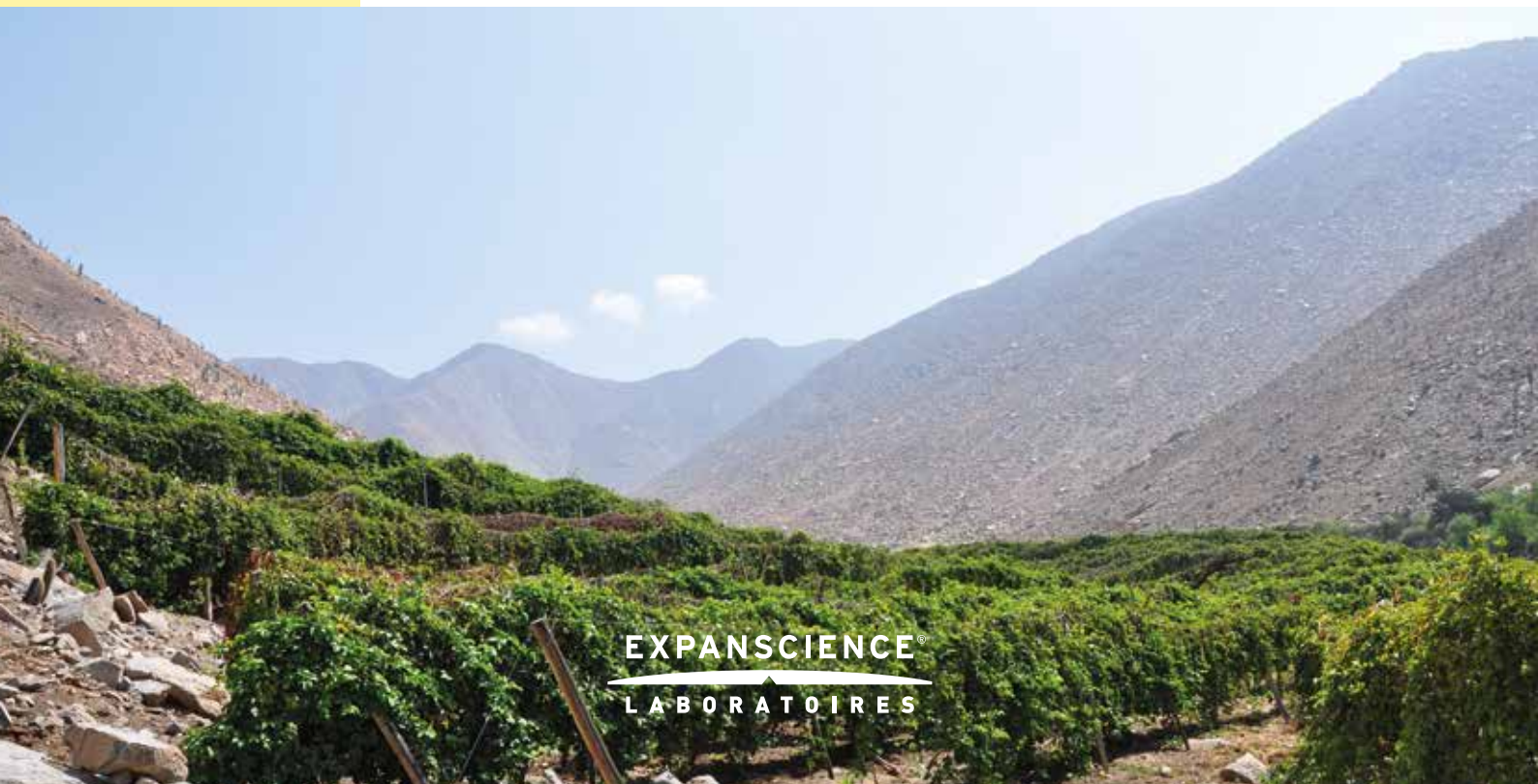
The seeds represent 6 to 12% of the fruit, so it's 6 to 12% valued!

The byproducts stimulate the local economy by granting the producers access to a new market.



Ormesia®
ANTI-POLLUTION · DETOXIFICATION · SELF-DEFENSE MECHANISMS BOOSTER

INCI name: Propanediol, Water, Passiflora Edulis Fruit Extract
Maracuja (passionfruit) polyphenols





Maca from Peru



Macaline®
SLIMMING • DRAINING • FIRMING

INCI name: Propanediol, Water, Lepidium
Meyenii Extract
Maca polyphenols



Supply chain

Maca, revered for its medicinal properties, grows in fragile soils. This tuber is one of the very rare plants able to survive in the extreme climatic conditions common on the high Andean plateaux. It is commonly called "Peruvian ginseng" for its energising properties.

We source our Maca only in Peru (Latin America), its land of origin, to give priority to endemic species, with respect of traditional farming practices: the land is cultivated for two years then left fallow for the next ten.

The know-how is transmitted to the local community, including technologies for washing and drying at altitude

The supply chain is Fair for Life certified.

Upcycling

Macaline® is an upcycled active ingredient as it is extracted from maca leaves, a byproduct of maca roots, which is used for our active ingredient Skinhairgium® Bio

Discover more
on our maca
supply chain!



What is Fair for Life?



Fair for Life certifications are only delivered to companies who demonstrate decent working conditions. Fair for Life certification holder companies commit to fair sourcing practices and responsibilities from the plant to the product.





White lupine from France



Collageneer®
ANTI-AGEING · FIRMING ·
CONTOUR REMODELLING

INCI name: Helianthus Annuus (Sunflower)
Seed Oil, Lupinus Albus
Lupine extract (Lupeol)

*Discover more
on our lupine
supply chain!*



Upcycling

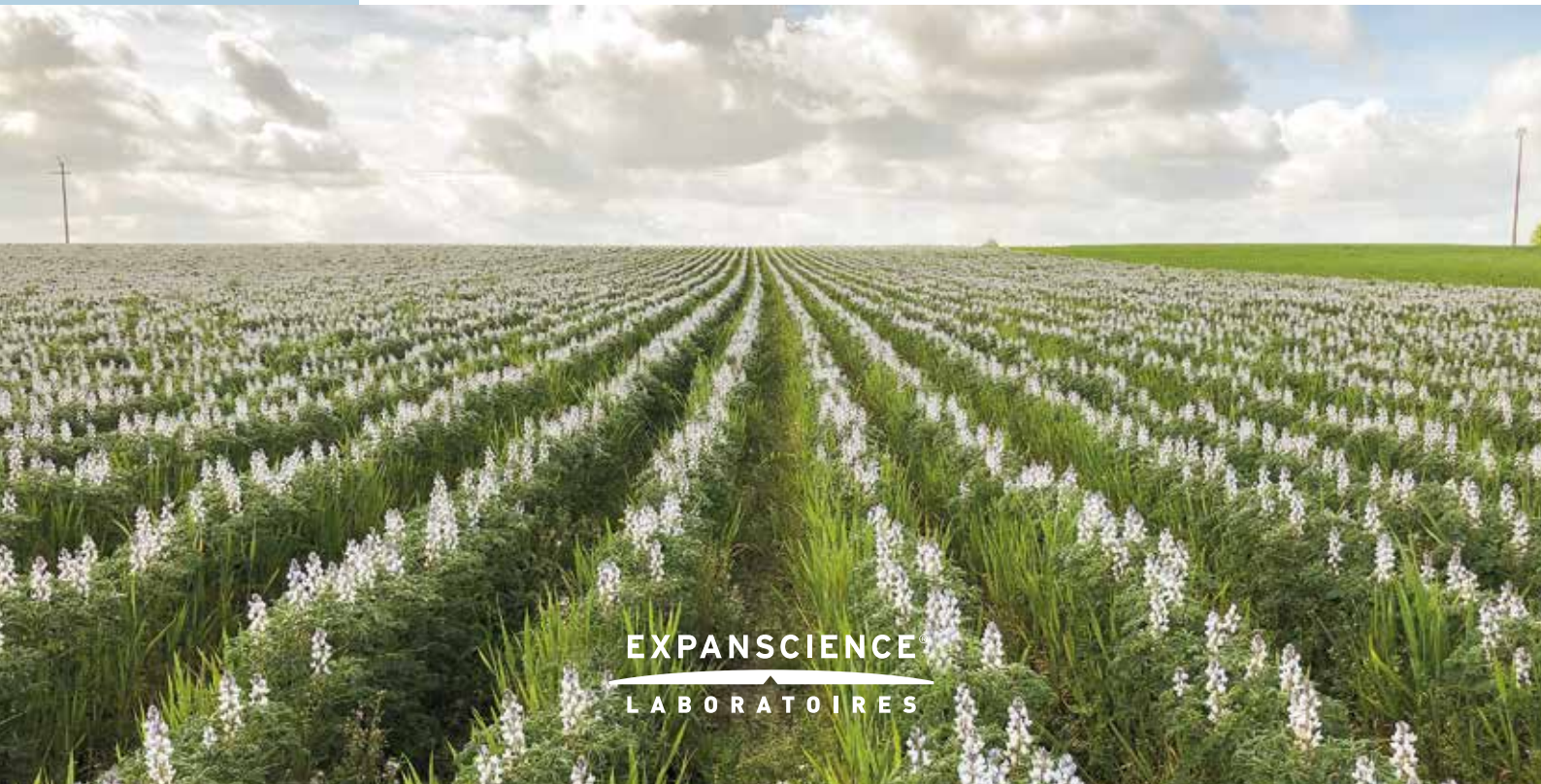
Collageneer® is extracted from the shell of lupine seeds that are not used by the food industry.

What was previously considered a waste now becomes a cosmetic active ingredient!

Supply chain

Our white lupine is exclusively sourced in France from an organic farming project.

It helps stimulate the economy of southwest France, where lupine is grown according to organic agriculture principles.





Prunus from France



Virgin Prunus Oil
GOLDEN HINTS • SILKY FEELING •
ALMOND • FRAGRANCE • FOOD GRADE

INCI name: Prunus Domestica Seed Extract

Upcycling

Our Virgin Prunus Oil is obtained from an upcycling process as it is extracted from the plum kernels, a byproduct of the food industry!

Supply chain

100% made in France

Our virgin prunus oil is made from kernels of Ente plums, a variety of Prunus Domestica, cultivated in the south of France to produce the infamous Pruneaux d'Agen.



Suggested applications

COSMETIC ACTIVE INGREDIENTS

NUMBER 6

EFFIPULP®

5α AVOCUTA® T

PASSIOLINE®

ORMESIA®

MACALINE®

COLLAGENEER®

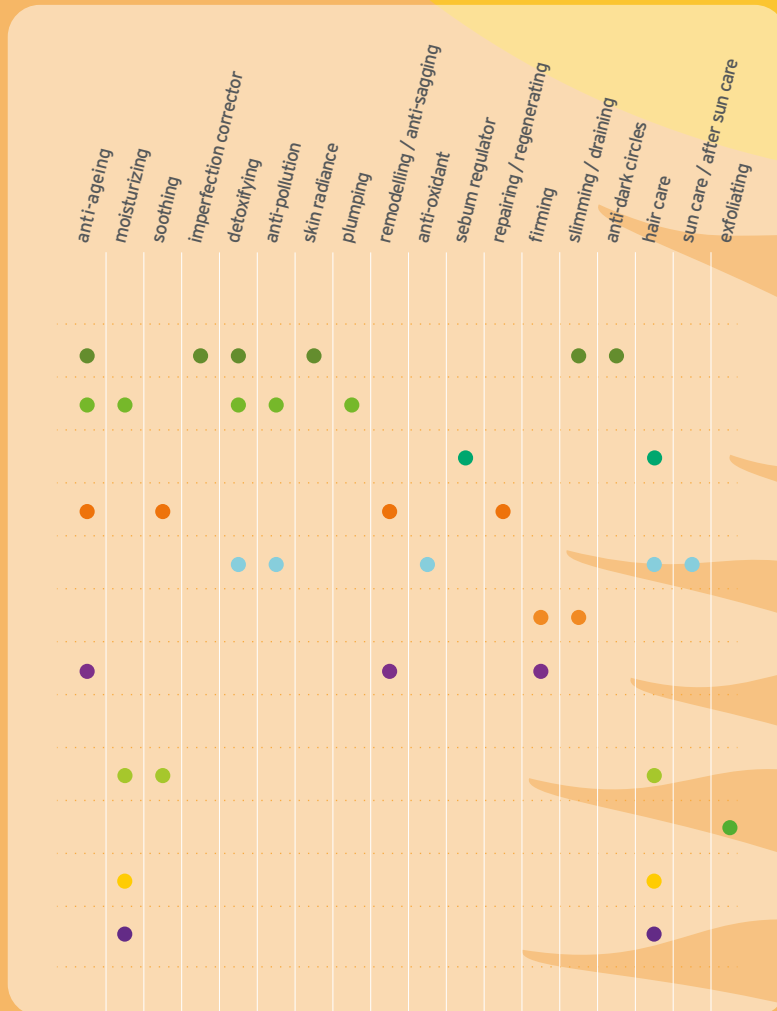
SENSORIAL INGREDIENTS

Avocado Oils (All grades)

Avocado Powder

Virgin Maracuja Oil

Virgin Prunus Oil



DOSAGE	IECIC Listed	Hydrosoluble / Liposoluble	COSMOS approved
1-3%	✓	●	✓
0.1-0.6%	✓	●	✓
0.5-2%	✓	●	
0.5-1%	✓	●	✓
1-3%	✓	●	✓
1-3%	**	●	✓
0.5-2%	✓	●	
0-100%	✓		✓
0-100%			
0-100%	✓		✓
0-100%	✓		✓

** Please contact us for more information.



A PIONEER AND EXEMPLARY CSR STRATEGY ADOPTED IN 2004

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