

STRATASYNC™ JOJOBA

Collagen booster for décolletage



STRATASYNC JOJOBA

INCI : Lactobacillus/Jojoba Seed
Extract Ferment Filtrate

CAS #: N/A

EC #: N/A

**Stimulates collagen
synthesis**

**First-of-its-kind
postbiotic ferment
from jojoba**

**Traceable, upcycled,
eco-friendly**

**Bioavailable
metabolites for skin
barrier integrity**

Recommended Applications



Face & Neck care



Body care



Self care & Wellness

Bio-fermented technology that revives and rebuilds the skin in the face, neck, and décolletage areas.

STRATASYNC JOJOBA is a patent-pending bio-ferment made from upcycled jojoba seed extract—an underutilized by-product of jojoba oil production—that is transformed through a sustainable, traceable process into a high-value active ingredient.

By repurposing jojoba seed by-product, it supports a true circular-economy model, while the fermentation process offers a low-energy method that naturally enhances bioactivity. Enabled by *Lactobacillus* fermentation, the product is enriched in proteins, peptides, free amino acids, and other skin-beneficial metabolites.

STRATASYNC JOJOBA clinically improves skin hydration, elasticity, firmness, and texture while reducing wrinkle intensity and stimulating collagen synthesis — extending benefits beyond the face to delicate areas like the décolletage.

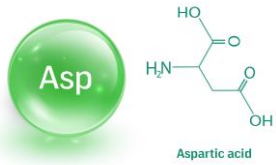
It activates key skin-rejuvenation pathways with a clear dose-responsive increase in three essential proteins: Collagen 1A1 for firmness and elasticity, Protocadherin-18 for structural integrity and cellular cohesion, and the Opioid Growth Factor Receptor for enhanced skin renewal. Altogether, this innovative ingredient energizes visible skin renewal for a firmer, smoother, and more revitalized appearance.



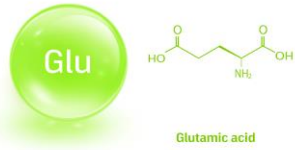
* China compliant version/documents available

Vantage®

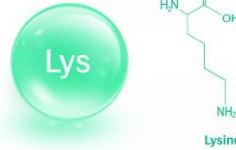
The power of fermentation: unlocked free amino acids



Aspartic Acid



Glutamic Acid



Lysine

Fermentation results in a **2-fold increase in protein content** and enhances the availability of skin-interactive peptides, **increasing key free amino acids associated with skin hydration, barrier support and visible skin renewal.**

STRATASYNC™ JOJOBA showed higher levels of Aspartic Acid, Glutamic Acid, and Lysine vs. unfermented control.

In-vitro results*

STRATASYNC JOJOBA rebuilds the skin from within:

+111%

Collagen 1A1 expression

Helps in **reducing wrinkles, increasing hydration, and boosting resilience in the skin.**

10x

Protocadherin-18 expression

Helps improve the linkage between skin and nerve cell for a **stronger skin barrier and increased firmness of the skin.**

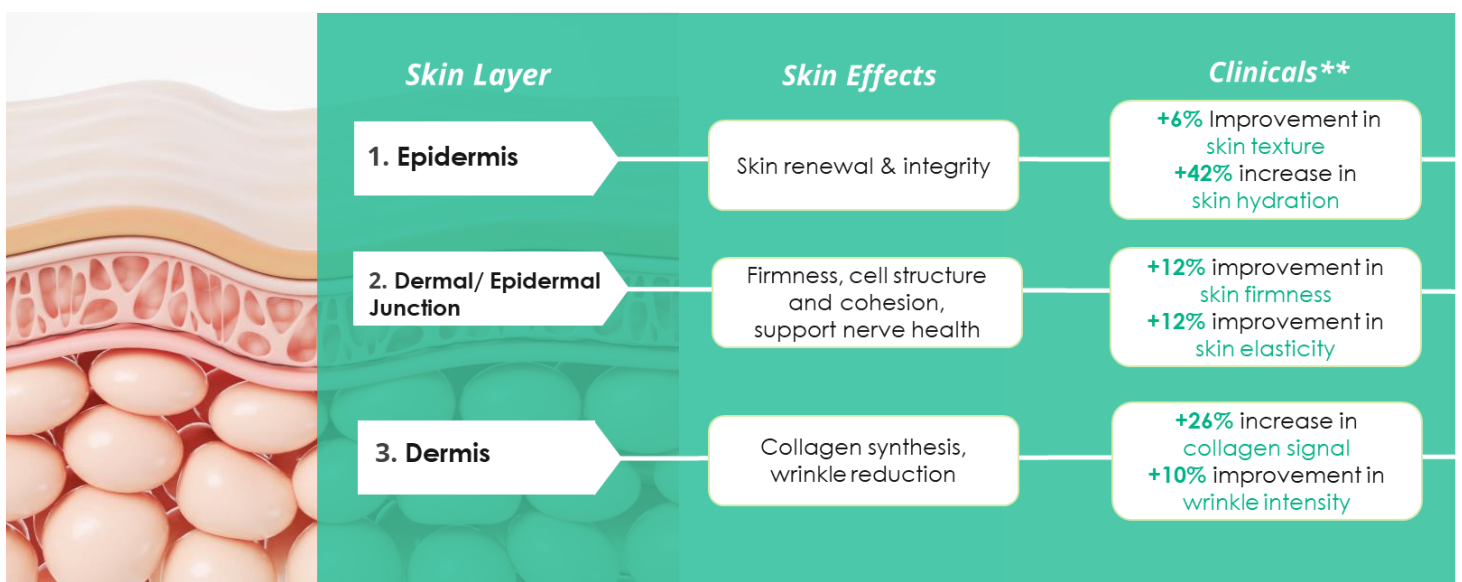
+55%

Opioid Growth Factor expression

Helps to promote **balanced skin renewal and long-term skin integrity.**

* Results of study conducted by Vantage against untreated: COL1A1 and PCDH-18 expression results after 7 days, OGFr results after 24hr.

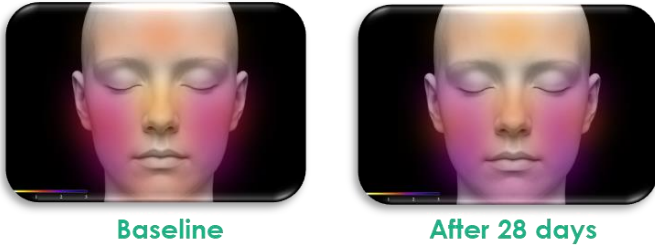
STRATASYNC JOJOBA Clinical Efficacy



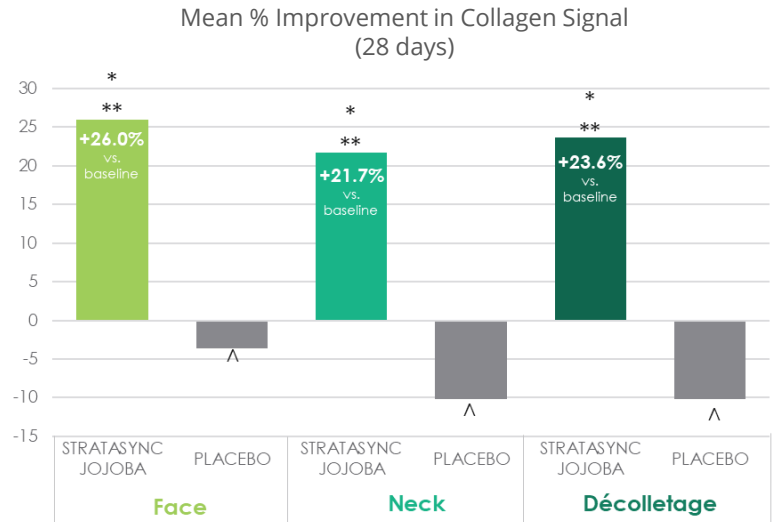
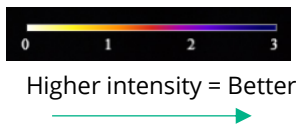
** Results of study conducted by Vantage against baseline, after 28 days of treatment

Improved Collagen Synthesis

STRATASYNCTM JOJOBA shows a measurable increase in collagen signal in the face, neck, and décolletage, as demonstrated through Diffuse Reflectance Spectroscopy. Study conducted on 46 volunteers in split groups, with 1% STRATASYNCTM JOJOBA twice daily, for 28 days.



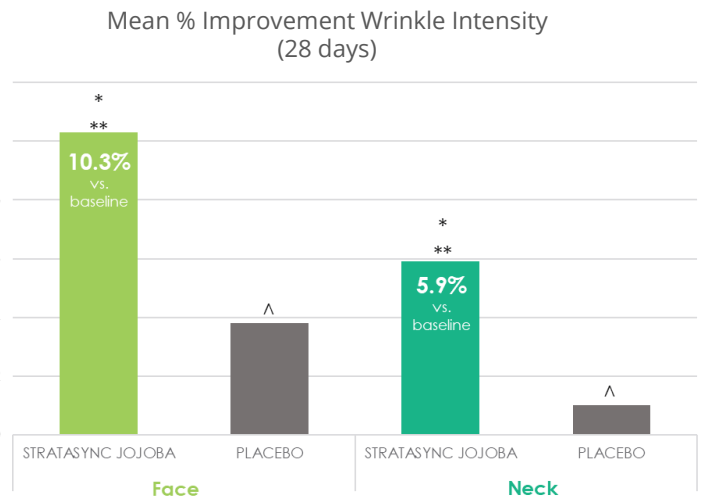
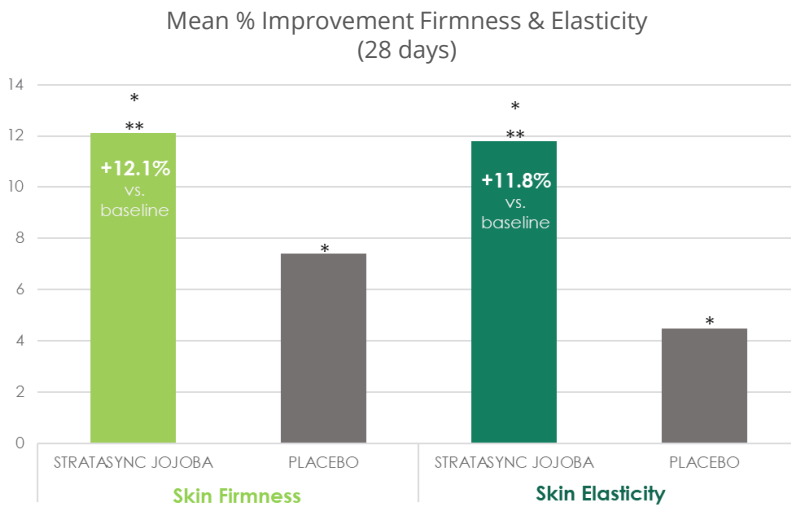
Mean values of the results obtained for all the research participants



* Statistically significant p<0.05 compared to Baseline
 ** Statistically significant p<0.05 compared to Placebo
 ^ No statistical significance compared to Baseline

Firmness, Elasticity, and Wrinkle Intensity

STRATASYNCTM JOJOBA delivers meaningful improvements in the skin's structural performance validated with Cutometer. Study conducted on 46 volunteers in split groups, with 1% STRATASYNCTM JOJOBA twice daily, for 28 days.



STRATASYNCTM JOJOBA significantly improved skin firmness and skin elasticity vs. placebo after 28 days.

STRATASYNCTM JOJOBA significantly improved wrinkle intensity on the face and neck vs. placebo.

* Statistically significant p<0.05 compared to Baseline
 ** Statistically significant p<0.05 compared to Placebo
 ^ No statistical significance compared to Baseline

STRATASYNC™ JOJOBA

Collagen booster
for décolletage

Appearance	Brown liquid
Odor	Mild, characteristic
Antimicrobial System	1,2-Hexanediol (and) Pentylene Glycol
Recommended Use Level	1-2%
Shelf life	2 years
GMO status	Non-GMO
Origin	USA 100% Natural Origin Index (ISO16128)
Regulatory	China (IECIC Compliant*) *China compliant version/documents available

Committed to Naturality & Sustainability

The sustainability story of **STRATASYNC JOJOBA** is truly end-to-end — transforming organically grown, fully traceable jojoba seed by-product into a high-value active ingredient through low-impact biotechnology. This ingredient is a responsible, biotech-fueled solution that can elevate a product's naturality and performance while minimizing waste.



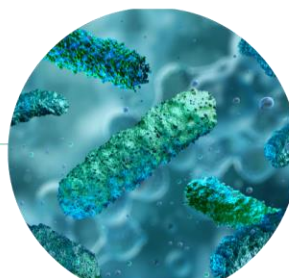
Organic,
traceable,
sustainable Jojoba

Farm to Formulation™
Traceability,
compatible with
naturals certifications



Upcycled
by-product of
jojoba oil
production

Committing to
circular economy +
waste-reduction



Brought to life
through
fermentation

Low impact, energy
efficient production
process that **naturally**
enhances bioactivity



Creating
Sustainable actives

Transforming
underutilized plant
macromolecules into
an efficacious active
ingredient

Formulation guidelines

- Formulate below 45C. Stable under normal temperatures and conditions.
- Nonflammable material, keep container closed. Use proper handling.
- Soluble in water, glycerin and butylene glycol
- pH recommendation: 4.0 – 6.5
- Expected to be compatible with most used ingredients
 - Compatible with Carbopol gel (2%)
- Ingredient may darken with prolonged exposure to heat (>45C)
- Little to no formulation color impact up to 2.0% use level

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