

LIPOVOL® ORIGIN CACAY

**Amazonian Gold
to enrich
skin and hair**



LIPOVOL ORIGIN CACAY

INCI : Caryondendron Orioncense
seed oil

CAS #: 1453469-52-7

**Fully traceable &
sustainable**

**Skin hydration and
elasticity**

**Rich in essential fatty
acids and antioxidants**

**Thermal protection for
hair**

Recommended applications



Skin care



Makeup



Hair care



Body care

LIPOVOL ORIGIN CACAY is a fully traceable and sustainable oil that delivers anti-aging and nourishing benefits to skin and hair.

LIPOVOL ORIGIN CACAY is a cold pressed luxurious oil derived from the nuts of Cacay evergreen trees that grow along the Andes mountains adjacent to the Colombian Amazon lowlands. The production of this ingredient supports local communities and encourages preservation of tropical rainforests, while delivering benefits to the skin and hair.

Cacay oil is rich in vitamin E and phytosterols such as beta-sitosterol. Its concentration of linoleic acid surpasses that of other common oils, which helps to improve skin hydration, smoothness, firmness, and elasticity. Cacay oil also provides benefits to the hair such as thermal protection, enhanced shine, reduced frizz, and improved split ends.

LIPOVOL ORIGIN CACAY is grown using responsible farming practices that respect both the land and local communities. These aspects include conservation, ethical sourcing, sustainable production, and waste minimization.



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Halal

Vantage®

* Please contact your Vantage representative for details about registering your cosmetic product containing LIPOVOL ORIGIN CACAY in China.

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| | |
|-----------------------|----------------------------------|
| INCI | Caryodendron orinocense seed oil |
| Appearance | Golden yellow |
| Preservative | N/A |
| Recommended Use Level | 3-10% |
| Shelf life | 1 year |
| GMO status | Non-GMO |
| Origin | Colombia |

LIPOVOL ORIGIN CACAY contains high levels of:

Omega-6 linoleic fatty acid: Essential for growth and repairing of living cells, and Omega-3 linolenic acid which together helps restore the natural skin barrier, provide hydration, and replenish lipids.

| Fatty Acid Composition | % |
|-----------------------------------|-------------|
| Omega-9 (Oleic acid C18:1) | 8.0 – 20.0 |
| Omega-6 (Linoleic acid C18:2) | 48.5 – 76.6 |
| Omega -3 (α-Linolenic acid C18:3) | 1.5 – 4.5 |
| PUFA | 50.0 – 81.1 |

Phytosterols:
Help to strengthen the lipid barrier of the skin against dehydration.

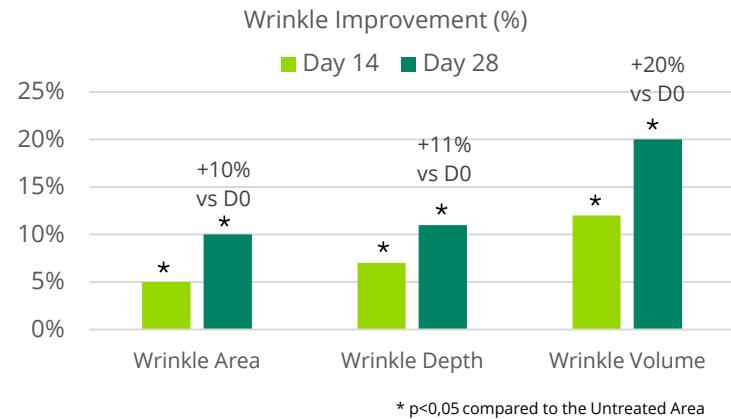
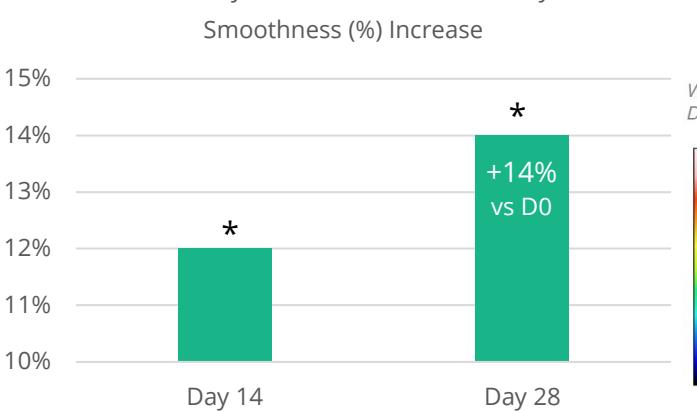
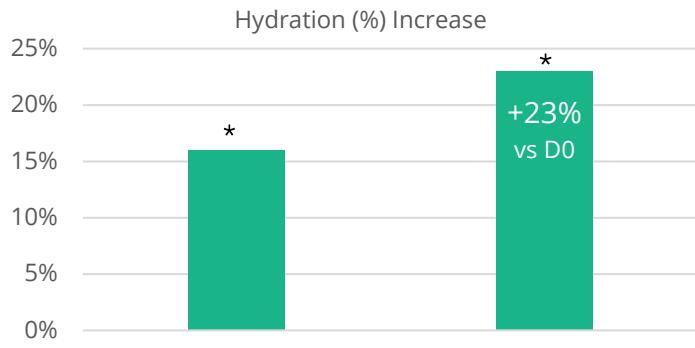
| STEROLS COMPOSITION % | |
|------------------------------|-------------|
| Cholesterol | 0.1 |
| Brassicasterol | < 0.1 |
| 24-methlen cholesterol | 0.3 |
| Campesterol | 15.4 |
| Campestanol | 0.1 |
| Stigmasterol | 12.1 |
| Delta 7-Campesterol | < 0.1 |
| Delta 5, 23-Stigmastadienol | < 0.1 |
| Clerosterol | 0.8 |
| Beta-sitosterol | 63.9 |
| Sistostanol | 0.4 |
| Delta 5 Avenasterol | 5.6 |
| Delta 5, 24-Stigmadienol | 0.5 |
| Delta 7-Stigmastenol | 0.2 |
| Selta 7-Avenasterol | 0.5 |
| Total Sterols (mg/kg) | 2981 |

Alpha and beta tocopherols:
Help to enhance antioxidant stability in formulations.

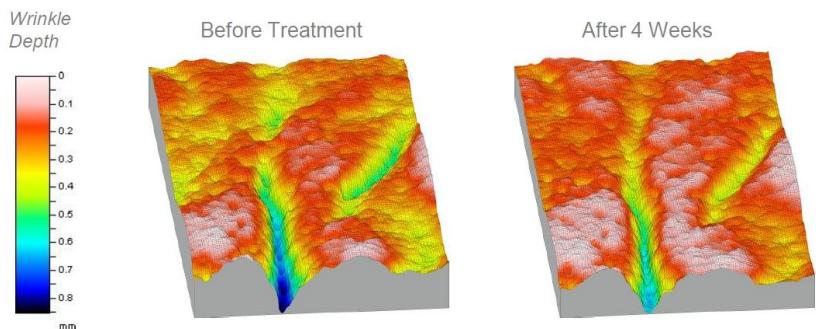
*Levels may vary batch to batch

In vivo skin studies

LIPOVOL® ORIGIN CACAY was found to significantly increase skin hydration and skin smoothness and decrease wrinkle area, wrinkle depth and wrinkle volume after 28 days of use.



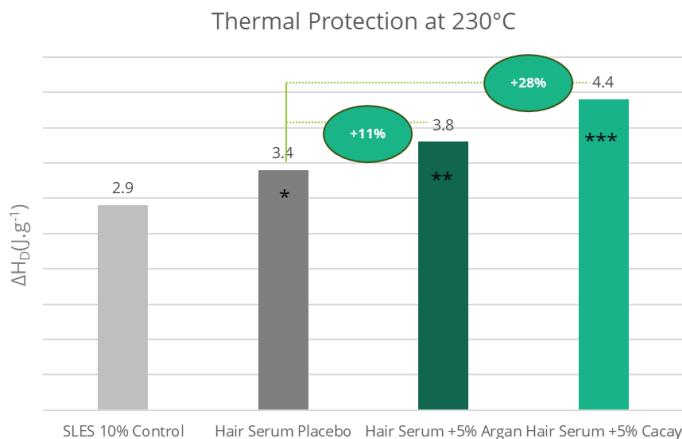
* p<0,05 compared to the Untreated Area



Source: Derma Consult clinical studies, Germany 2013

In vitro hair studies

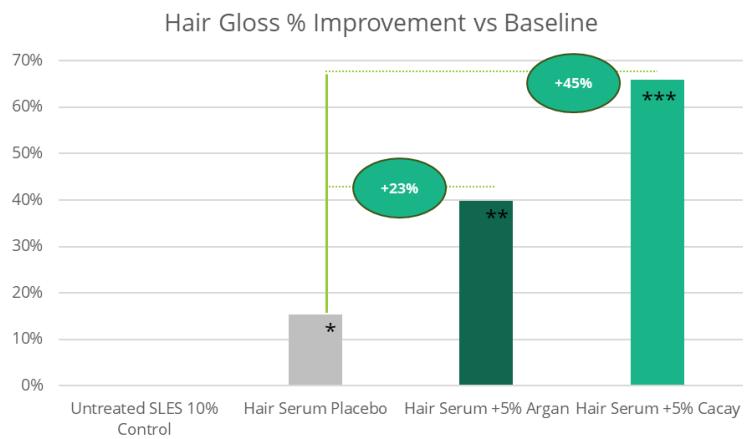
LIPOVOL ORGIN CACAY increased thermal protection by 28% and improved hair gloss by 45% when compared to placebo, outperforming argan oil in both studies.



* p<0,05 compared to the Untreated Area

** p<0,05 compared to the Untreated + Serum Placebo

*** p<0,05 compared to Untreated + Serum Placebo + Hair Serum with Argan



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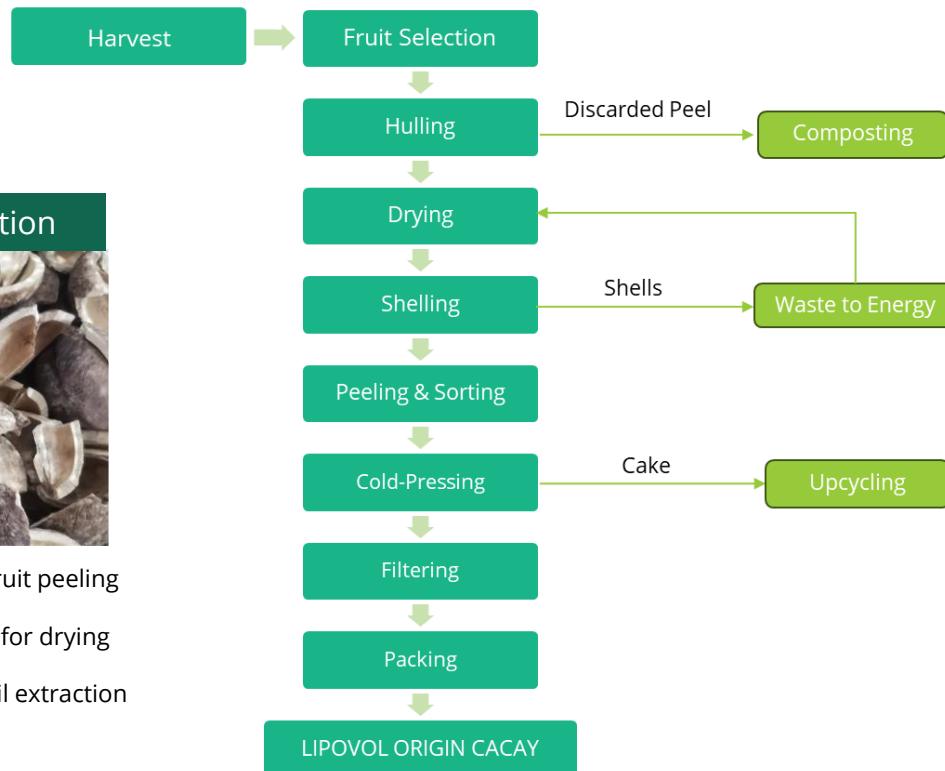
LIPOVOL® ORIGIN CACAY sustainability

We partner directly with the farmer-manufacturers of Cacay Oil near the Amazon region of Colombia who are focused on sustainable practices and supporting local communities. LIPOVOL ORIGIN CACAY's production is designed to reduce overall waste and preserve its natural potency through cold-pressed extraction.

Waste Minimization



- Compost of waste from fruit peeling process
- Waste to energy of shells for drying fruits
- Upcycling of cake from oil extraction



Ethical Sourcing



- More stable and higher income streams for local farmers
- Supplier code of conduct ensures products and services are delivered ethically, legally, and in a manner that benefits all.

Conservation



- Reforestation and preservation of land previously cleared for cattle or firewood
- Biodiversity diagnosis & monitoring of local wildlife

Sustainable Production



- Crop naturally irrigated from rainfall
- Integrated Pest Management practices utilized
- Cold-press extraction, unrefined