

MENTAL HEALTH
RELAXATION
SLEEP

EVANIUM

OPTISOLV[®] PASSIFLORA

OPTISOLV[®] Passiflora
is based on our next-generation
dual-coating technology and offers
significantly improved absorption
and controlled release

OPTISOLV® Passiflora

Passionflower herb (*Passiflora incarnata*) is valued for calming and sleep support, but is limited by poor solubility, slow absorption, and unpleasant taste.

OPTISOLV® Passiflora overcomes these challenges through a proprietary dual-coating system that enhances solubility and absorption, enabling fast onset at significantly lower dosages. At the same time, it masks the characteristic bitter taste and improves stability during processing.

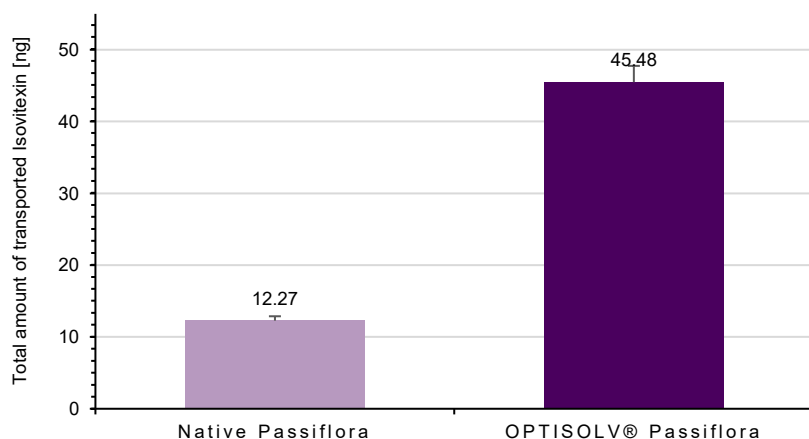
Perfect for formulations targeting **sleep, relaxation, or menopause**.

APPLICATION & DOSAGE

OPTISOLV® Passiflora is supplied as a free-flowing powder standardized to 1.5% flavonoids.

The recommended dosage is **150-450 mg** OPTISOLV® Passiflora a day. Ideal for use in traditional dosage forms such as **capsules or tablets**, as well as **liquids, stick packs, sachets, gummies, or chewing tablets**.

Absorption in an in-vitro human intestinal model (Caco-2)



In-vitro absorption of the main passiflora flavonoid Isovitexin in a Caco-2 model after 2h simulated digestion in FaSSIF Buffer at 37°C. Apical compartment: simulated intestinal fluid, basolateral compartment: HBSS + 4% BSA.

TECHNOLOGY

Our dual-coating technology OPTISOLV® features an inner cyclodextrin-based core and an outer phospholipid-based shell, stabilizing the ingredient in a crystal-free state.

Before OPTISOLV® brands had to choose between natural formulation and performance. Now brands can achieve high solubility and absorption without compromising on naturalness.

3.7x
Absorption

10x
Solubility

SCIENCE & QUALITY

Passiflora bioactives support relaxation and sleep by modulating key pathways, including GABA, glutamate, and cortisol signaling:

- Demonstrated calming effects, supporting relaxation without impairing cognitive performance¹
- Supports stress resilience by reducing perceived stress levels and modulating cortisol response²
- Improvement in sleep onset, extended total sleep time, and enhanced overall sleep quality^{3, 4}

ADVANTAGES

- ✓ Increased absorption
- ✓ All-natural composition
- ✓ Low dose
- ✓ Innovative IP-protected technology
- ✓ Faster release for quick on-set
- ✓ Significantly improved taste

¹ Dantas, L-P et al., *Medicina oral, patologia oral y cirugía bucal*, 2017.

² Harit, M K et al., *Cureus*, 2024.

³ Ngan, A and Conduit, R, *Phytotherapy Research*, 2011.

⁴ Lee J, et al., *International Clinical Psychopharmacology*, 2020.



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