



FYTO^{DIS}

Plant-Powered Actives

Where science meets the brilliance of nature. Redefining sustainability and skincare excellence, we're setting a new benchmark in beauty innovation. **FytoDis**, harness the power of plants to deliver a diverse range of skincare actives. As umbrella brand integrates several **botanical ingredients all of them with Clinical Studies**.

About *Acmella oleracea*

Commonly known as the toothache plant, jambu, or electric daisy, is a flowering plant native to the tropics of Brazil and Peru. It is widely recognized for its medicinal and cosmetic applications due to its unique properties. Rich in **spilanthol**, a natural alkylamide responsible for its notable properties, well-known for its numbing, tingling, and soothing effects. It has anti-inflammatory, analgesic, and antioxidant properties.

Skin Diver Technology

Enhances formulation efficacy by encapsulating active ingredients in ethosomes, promoting deep penetration while improving stability and effectiveness.





FYTODIS Vegan Botox x ANTIAGEING

Acmella oleracea, a plant rich in **spilanthol**, known for its remarkable anti-aging properties. This natural ingredient helps **boost collagen** production, **smooth fine lines**, and enhance skin **elasticity**. With its muscle-relaxing effects, spilanthol promotes **firmer**, smoother skin. This **Vegan Botox** targets signs of aging while promoting **youthful radiance** for a smoother and rejuvenated skin.

TECHNICAL INFORMATION

INCI name: Aqua, Glycerin, Ethanol, Lecithin, *Acmella oleracea* extract, Xanthan Gum, Tocopherol.

Recommended use concentration: 0,5-2%.

Preservatives: Sodium Anisate, Sodium Levulinate.

N.O.I.: 100%

Appearance: Yellow liquid.

Solubility: Soluble in water.

IN VIVO STUDY

Objective: evaluate the efficacy of a cosmetic product in **reducing wrinkles** and **firming**, compared to a placebo.

Volunteers: 40 volunteers (20 volunteers per group) all skin types, with wrinkles and spots.

Study duration: 56 days.

Application: Apply a cream containing **2% of FYTODIS Vegan Botox** once a day.

RESULTS: Short-Term Effects

Evaluation of firming efficacy on the cheekbone

- After 8 hours of product use, there is an average decrease of **12.10%**, indicating improved skin firmness.

Evaluation of elasticity efficacy on the cheekbone

- After 8 hours of product use, there is an average increase of **15.52%**, indicating improved skin elasticity.

Evaluation of fatigue reduction efficacy on the cheekbone

- After 8 hours of product use, there is a decrease of **7.94%**, indicating improved skin fatigue.

RESULTS: Long-Term Effects

Evaluation of moisturizing efficacy

- After 56 days of product use, there is an average increase of **32.18%**, indicating improved skin hydration, with a maximum improvement of **76.47%**.

Evaluation of depigmenting efficacy

- After 56 days of product use, there is a decrease of **-6.29%**, indicating improved epidermal melanin levels.

Evaluation of anti-wrinkle efficacy (reduction of forehead wrinkles)

- After 28 days of product application, **55.56%** of the volunteers showed improvement with reduced forehead wrinkles.
- After 56 days of product application, **61.11%** of the volunteers showed improvement with reduced forehead wrinkles.

