

SpilanFloraTM

- Jambu 10% spilanthol
- Jambu 25% spilanthol



SpilanFlora[®], derived from Jambu (*Acmella oleracea*), a plant native to the Amazon region, contains Spilanthol—a powerful and versatile active compound used in food, beverages, wellness, and specialized care. It enhances sensory experiences and expands the functional profile of products.

Extracted through an innovative supercritical CO₂ process, **SpilanFlora[®]** ensures maximum efficacy, safety, and sustainability—innovation with high performance.

 **Flavor Enhancer:** Jambu has a mild, peppery, and slightly bitter taste, which can **enhance the flavor of various dishes** without overpowering them. Can be used as flavors in food and beverages, particularly in **cocktails, sauces and candies**.

 **Natural Preservative:** The plant has natural antimicrobial properties, which can help **extend the shelf life of food products**, especially in preserving freshness and preventing spoilage.

 **Functional Ingredients:** Jambu's active compounds are believed to have **anti-inflammatory, analgesic, and antioxidant properties**, making it an attractive functional ingredient in health-oriented food products.

 **Applications in Sensory and Wellness Products:** Unique sensory properties, **SpilanFlora** has found a place in **personal care and wellness products**. In particular, the tingling sensation produced by spilanthol makes it a sought-after ingredient for **enhancing the sensory experience in sex shop products**, such as intimate gels and creams. These products provide a heightened and exciting sensory stimulation, which can be marketed as an innovative feature for consumers looking for new and exotic experiences.

KEY APPLICATIONS



Beverage innovation



Cosmetic products



Aphrodisiac properties



Aromatherapy



Flavor enhancer



Medicinal use



 centroflora.com.br
 +55 14 99845-7559 - Commercial
 comercial@centroflora.com.br

REFERENCES

Bhardwaj, S.; Lata, S.; Garg, R. (2022). Phyto-mediated green synthesis of silver nanoparticles using *Acmella oleracea* leaf extract: Antioxidant and catalytic activity *Pharmacognosy Magazine*, 2022, 18, 77, 22-28. http://dx.doi.org/10.4103/pm.pm_586_20
Spinozzi, E.; et al. (2022). A Review of the Chemistry and Biological Activities of *Acmella oleracea* ("jambù", Asteraceae), with a View to the Development of Bioinsecticides and Acaricides. *Plants*, 11, 2721. <https://doi.org/10.3390/plants11202721>
Verma, K.; Dhruvakumar, D.; Pande, M. (2022). A clinical and microbiological study to assess the efficacy of *Acmella oleracea* and *Acacia catechu* herbs as local drug delivery in treatment of chronic generalized periodontitis patients. *Journal of Indian Society of Periodontology* 26(3):p 254-261, May-Jun 2022. | DOI: 10.4103/jisp.jisp_264_21