

Perluxan™

Hops Cones Extract

Keeping active is an important contributor to quality of life and overall health maintenance. People with joint discomfort may be reluctant to engage in physical activity. Lack of physical activity over a long period of time can impact a person's ability to enjoy life. According to the World Health Organization (WHO), the number of people affected by joint complaints is expected to rise¹.

If you are seeking an ingredient for a joint support formulation, Perluxan™ extract may be the right solution for you. Perluxan™ extract is a proprietary extract of hops cones that is standardized to contain a minimum 30% of alpha- and iso-alpha acids, humulone and co-humulone¹. Perluxan™ hops cones extract may help support normal joint function.*

Key Features and Benefits

Perluxan™ extract may mitigate the effects of nitric oxide and cyclooxygenase-2 (COX-2)—some of the compounds that are responsible for inflammation and pain.*

- One in vitro study showed that alpha-acid hops extracts, like Perluxan™ extract, inhibited nitric oxide response in mouse macrophage cells. In another, alpha-acids extracted from hops were effective in inhibiting COX-2 in CACO-2 cells. In the second part of the study, human subjects submitted blood samples for analysis. Perluxan™ extract was shown to be effective at COX-2 inhibition for nine hours.²
- In a separate study, participants reported that Perluxan™ extract had a fast-acting effect on relieving joint discomfort, as compared with a placebo, two hours after the first dose.³
- Perluxan™ extract is gentle on the gut. A study published in Phytochemistry measured the fecal calprotectin content of subjects who had consumed a modified hops extract. This biomarker was used as a surrogate for evaluation of gastrointestinal inflammation. After 14 days, hops extract induced no change in fecal calprotectin, an inflammation marker.⁴



Advantages

- Plant-derived alternative to relieve joint discomfort*
- Can work in tandem with other joint support supplements
- No indication of gastrointestinal irritation
- Quickly absorbed by the body, supported by studies
- A functional ingredient from a food source, not a drug

Contact us if you want more information about Perluxan™ extract or to request a sample.

¹ WHO.int, Fact Sheet on Musculoskeletal Health, 2022

² Lemay, M, Murray, MA, Davies, A, Roh-Schmidt, H, Randolph, RK. Asia Pac J Clin Nutrition. 2004 13(suppl):S110.

³ Pizzolo, CC, Simon, A. Internal testing data. 2006

⁴ Hall, AJ, Babish, JG, Darland, GK, Carroll, BJ, Konda, VR, Lerman, RH, Bland, JS, Tripp, ML. Phytochem 2008 69: 1534-1547.

* These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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