



Joint Eze

Support for Healthy Joints and Flexibility*

Joint Eze is a nutritional supplement designed to support healthy joints and flexibility.* Clinical studies show that joint discomfort may be the result of inflammatory responses and nutritional deficiencies in the body.^{1,2,3,4} Joint Eze contains magnesium, xanthohumol, and undenatured collagen known for their efficacious outcomes with supporting healthy inflammatory markers and joint flexibility.*^{1,2,4}

How Joint Eze Works

Decades of research demonstrates that magnesium may play a role in inflammation.^{2,5} Joint Eze contains a proprietary magnesium formula called TRAACS™. Magnesium is a natural calcium antagonist and supports healthy oxidative stress.*⁵ Supplementation has shown to support healthy inflammatory markers in the body.*^{2,3}

Xanthohumol is a bioactive flavonoid molecule found in the female hops plant. Studies show it has numerous nutraceutical benefits and is much more potent than other modified derivative forms from the hops plant such as THIAA and RIAA.^{6,7,8}

Joint Eze contains xanthohumol for its potent anti-inflammatory properties.*¹ Clinical studies show xanthohumol's potential to promote healthy levels of hyaluronan and collagen through molecular interactions.*⁹ Hyaluronan and collagen support healthy soft connective tissues and joint flexibility.*⁹

Undenatured collagen promotes cartilage remodeling and supports healthy immune function resulting in joint flexibility and comfort.*^{10,11} Joint Eze contains a proprietary collagen formula called UC-II®. Clinical studies show undenatured collagen's ability to promote healthy inflammatory markers and support healthy oxidative stress.*^{4,10,11}

Joint Eze Supplementation

The ingredients in Joint Eze are dosed in a manner that is congruous with what research suggests to be effective and safe, particularly for supporting healthy joints and flexibility.*

Clinical evidence and research cited herein shows that the ingredients in Joint Eze may:

- Support healthy joints and flexibility*
- Promote healthy inflammatory markers in the body*
- Support healthy oxidative stress*



Form: 60 Capsules

Serving Size: 1 Capsule

Ingredients	Amount	%DV
Magnesium (from magnesium bisglycinate chelate) (TRAACS™)	37.5 mg	9%
Hops Extract (flower; <i>Humulus lupulus</i>) (4% xanthohumol)	50 mg	**
Undenatured Collagen (UC-II®)	20 mg	**

Other Ingredients:

Hypromellose, vegetable magnesium stearate, silica. UC-II® is a Lonza trademark.

TRAACS™ is a trademark of Balchem Corp. or Albion Labs.

Directions:

Take one capsule twice daily with food or as directed by your healthcare practitioner.

Caution: Do not use if pregnant or nursing. If taking other supplements or medication, consult your healthcare practitioner before use. Keep out of reach of children.



GLUTEN-FREE



DAIRY-FREE



NON-GMO



PRODUCED IN A cGMP FACILITY

* 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.

References:

1. Gupta, S. C., Kunnumakkara, A. B., Aggarwal, S., & Aggarwal, B. B. (2018). Inflammation, a double-edge sword for cancer and other age-related diseases. *Frontiers in Immunology*, 9(2160).
2. King, D. E. (2009). Inflammation and elevation of C-reactive protein: Does magnesium play a key role? *Magnesium Research*, 22(2), 57-59.
3. Kremer, J. M., & Bigaouette, J. (1996). Nutrient intake of patients with rheumatoid arthritis is deficient in pyridoxine, zinc, copper, and magnesium. *The Journal of Rheumatology*, 23(6), 990-994.
4. Crowley, D. C., Lau, F. C., Sharma, P., Evans, M., Guthrie, N., Bagchi, M., Bagchi, D., Dey, D. K., & Raychaudhuri, S. P. (2009). Safety and efficacy of undenatured type II collagen in the treatment of osteoarthritis of the knee: A clinical trial. *International Journal of Medical Sciences*, 6(6), 312-321.
5. Rayssiguier, Y., & Mazur, A. (2005). Magnesium and inflammation: Lessons from animal models. *Clinical Calcium*, 15(2), 245-248.
6. Tripp, M. L., Konda, V. R., Darland, G., Desai, A., Chang, J.-L., Carroll, B. J., & Bland, J. S. (2009). Rho-iso-alpha acids and tetrahydro-iso-alpha acids are selective protein kinase inhibitors which potently reduce inflammation in macrophages in vitro and in the collagen-induced rheumatoid arthritis model in vivo. *Acta Horticulturae*, 848.
7. Karabin, M., Hudcova, T., Jelinek, L., & Dostalek, P. (2015). Biotransformations and biological activities of hop flavonoids. *BioTechnology Advances*, 33(6), 1063-1090.
8. Magalhaes, P. J., Carvalho, D. O., Cruz, J. M., Guido, L. F., & Barros, A. A. (2009). Fundamentals and health benefits of xanthohumol, a natural product derived from hops and beer. *Natural Product Communications*, 4(5), 591-610.
9. Stracke, D., Schulz, T., & Prehm, P. (2011). Inhibitors of hyaluronan export from hops prevent osteoarthritic reactions. *Molecular Nutrition and Food Research*, 55(3), 485-494.
10. Bagchi, D., Misner, B., Bagchi, M., Kothari, S. C., Downs, B. W., Fafard, R. D., & Preuss, H. G. (2002). Effects of orally administered undenatured type II collagen against arthritic inflammatory diseases: A mechanistic exploration. *International Journal of Clinical Pharmacology Research*, 22(3-4), 101-110.
11. Barnett, M. L., Kremer, J. M., St. Clair, E. W., Clegg, D. O., Furst, D., Weisman, M., Fletcher, M. J. F., Chasan-Taber, S., Finger, E., & Morales, A. (2004). Treatment of rheumatoid arthritis with oral type II collagen: Results of a multicenter, double-blind, placebo-controlled trial. *Arthritis & Rheumatism*, 41(2).