

Turmacin®

Turmacin® is the first clinically tested water-soluble composition derived from Turmeric completely untouched by solvents. In a randomized placebo-controlled study, Turmacin significantly decreased the WOMAC score among study participants by 25% on day 21 and 34% on day 42, compared to placebo in a clinical trial. Approximately 57% of the subjects did not use rescue medication to relieve the pain during the course of Turmacin®. Overall, Turmacin® reduced the usage of rescue medication. Turmacin® is standardized to contain bioactive polysaccharides "Turmerosaccharides" and does not contain curcuminoids, making it gut friendly.

Modes of Action:

- Reduces collagen degradation markers.
- Reduces cartilage damage by increasing the gene expression of type II collagen, decreasing the gene expression of MMP-3 and MMP-7 and by protecting glycosaminoglycans (GAG).
- Reduces NF-kB (a protein complex that plays a central role in inflammation).
- Decreases aging of cartilage cells (mediated by H_2O_2 , a free radical generator).

PRODUCT FACTS:

Advantages:

- Anti-inflammatory activity
- Reduces joint discomfort
- Water soluble
- Stomach friendly — no curcuminoids
- Stain-free in manufacturing
- 500 mg

Applications:

- Joint/wellness/anti-aging applications
- Beverages, solid dose, gummies, and functional foods

Certifications:

- USDA Organic available
- Non-GMO Project Verified



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**Bone
& Joint**

