

TRAUMERIC



CLINICAL APPLICATIONS

- Supports a Healthy Inflammatory Response
- Improves Musculoskeletal Health
- Boosts Joint Health, Movement and Physical Function
- Enhances Workout Recovery Time

MUSCULOSKELETAL HEALTH

Traumeric is formulated specifically to support healthy inflammatory balance and musculoskeletal health. Traumeric includes the key ingredient turmeric, standardized to include 95% curcumin. Traumeric also includes the pineapple enzyme, bromelain, as well as the synergistic blend of flavonoids quercetin and rutin, for full-spectrum, high-intensity support to maintain a balanced cycle of inflammation.

Overview

Inflammation is a natural part of the body's immune response, a cascade triggered to protect the body and maintain normal tissue repair. This physiological response is part of the innate immune system, a first line of defense comprising the cells and mechanisms that defend against unwanted organisms in a non-specific manner. The inflammatory cascade is mediated by eicosanoids, which have been shown to balance inflammation and immune-modulating cytokines. Traumeric provides a blend of nutrients that support a healthy inflammatory cycle by balancing eicosanoid and cytokine metabolism and inhibiting the activities and synthesis of a wide variety of compounds implicated in pain and inflammation.

Turmeric Root Extract[†]

Turmeric is a bright orange-colored spice that has been in use for thousands of years in cooking and medicine. Through its antioxidant mechanisms, the active ingredient in turmeric, curcumin, supports gastrointestinal (GI) health, provides neuroprotective activity, and helps to maintain a healthy cardiovascular system. Curcumin has been shown to play a crucial role in maintaining proper inflammatory balance in a variety of bodily systems due to its strong NFkB-modulating

properties. Studies have shown curcumin supports the maintenance of balanced inflammation in the GI tract,^[1,2] promoting GI mucosal health and helping to reduce stomach lining discomfort.^[3] Curcumin has been found to provide antioxidant protection to the cardiovascular system,^[4] and to help modulate low mood and fatigue by supporting a normal immune response, reducing oxidative stress and intestinal hyper-permeability.^[5]

Bromelain[†]

Bromelain is a proteolytic enzyme derived from the stem of the pineapple plant. Bromelain has been shown to support musculoskeletal health and healthy inflammatory balance by working on the kinin pathways and inhibiting arachidonic acid formation via phospholipase A.^[6] Bromelain is often used to support joint health, specifically for athletes, and age-related musculoskeletal challenges. In a recent blinded study conducted in Germany on 90 subjects with joint challenges, half of the subjects received a bromelain-containing preparation for 6 weeks. The researchers found that bromelain significantly improved the subject's comfort level and physical function.^[7] Research has also demonstrated bromelain's ability to promote a comfortable post-operative recovery.^[8] Additional benefits of bromelain include supporting sinus health, as well as the health of the GI system.^[9,10]

Quercetin[†]

A flavonoid found in a variety of botanicals, vegetables and fruits, quercetin is a potent antioxidant which inhibits inducible ICAM-1 expression, an important pathway for maintaining normal levels of inflammation.^[11] Quercetin has also been shown to support barrier function in the intestines,^[12] and

[†] 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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to promote the balanced release of inflammatory mediators from mast cell.^[13] Quercetin has been shown to support inflammatory balance by directly inhibiting tyrosine kinase and nitric oxide synthase, and modulating the activity of NFκB, similar to turmeric. By acting as a potent antioxidant, quercetin can inhibit hyaluronidase, an enzyme which catalyzes the break down of connective tissue in the body.^[14]

Rutin†

Rutin is a flavonoid that has been shown to help support a normal inflammatory process. Rutin helps maintain levels of the major antioxidant in the body, glutathione. Rutin also works in synergy with other flavonoids such as quercetin to support connective tissue health by inhibiting the enzymes that break down connective tissue: hyaluronidase, collagenase, LOX and COXs.^[14]

Directions

2 or more capsules per day or as recommended by your health care professional.

Does Not Contain

Gluten, corn, yeast, artificial colors and flavors.

Cautions

Do not consume this product if you are pregnant or nursing. Consult your physician for further information.

Supplement Facts ^{v2}		
Serving Size 2 Capsules		
Servings Per Container 15 & 45		
2 capsules contain	Amount Per Serving	% Daily Value
Vitamin C (as Ascorbic Acid USP)	30 mg	50%
Turmeric Root Extract (standardized to contain 95% Curcuminoids)	660 mg	*
Bromelain (2,400 GDU/g) (from Pineapple)	240 mg	*
Quercetin Dihydrate	240 mg	*
Rutin	50 mg	*
* Daily Value not established		

ID# 551030 30 Capsules

ID# 551090 90 Capsules

References

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