



EMIQ®

Activated Quercetin · Potent Antioxidant

- Most absorbable form of quercetin
- Offers 40 times greater absorption than regular quercetin
- Provides 167 mg of enzymatically modified isoquercitrin (EMIQ), providing 50 mg of quercetin, as well as 50 mg of vitamin C per capsule
- Prepared using a natural enzyme process that attaches polysaccharides to convert quercetin into a soluble form
- Provides anti-inflammatory, antioxidant, anti-allergy, and cardiovascular benefits
- Suitable for vegetarians and vegans

Code: 9411 **NPN:** 80049716
Size: 60 Vegetarian Capsules
Actual Size: 19.26 mm x 6.75 mm



PRODUCT SUMMARY

Quercetin, a dietary flavonol known to be one of the most potent plant-derived antioxidants, has multiple biological actions, with preclinical studies showing anti-inflammatory, anti-thrombotic, and vasodilatory benefits. The limiting factor in quercetin’s clinical efficacy appears to be its poor bioavailability. Enzymatically modified isoquercitrin (EMIQ) is a mixture of quercetin monoglucoside and its alpha-oligoglucosides that has been shown to have significantly greater bioavailability than other available forms. In animals, EMIQ was shown to produce a 40-fold increase in C_{max} (peak plasma concentration) and an 18-fold increase in the area under the curve compared to quercetin. In humans, EMIQ supplementation increased plasma concentrations to a significantly greater degree than other forms, including the aglycone and isoquercitrin (Q3G) forms.

Randomized placebo-controlled trials have shown EMIQ to have clinical benefits not seen with less absorbable forms. In a recent crossover trial of volunteers at risk for cardiovascular disease (i.e., with elevated blood pressure, lipids, glucose, or waist circumference), EMIQ improved endothelial function (as measured by flow-mediated vasodilatation), a key risk factor for hypertension, atherosclerosis, and cardiovascular disease. American football players supplementing with whey protein had greater increases in lower limb muscle mass and antioxidant protection when consuming 42 mg of EMIQ per day compared to whey alone. Two trials found that EMIQ reduced medication use and ocular symptoms of hayfever due to Japanese cedar pollinosis.



EMIQ®

ACTIVATED QUERCETIN · POTENT ANTIOXIDANT

Serving Size: 1 Vegetarian Capsule

Servings Per Container: 60

Each Vegetarian Capsule Contains:

EMIQ® (Enzymatically Modified Isoquercitrin)..... 50 mg
Vitamin C (Calcium Ascorbate) 50 mg

Non-medicinal Ingredients: Microcrystalline cellulose, vegetarian capsule (carbohydrate gum [cellulose], purified water), vegetable grade magnesium stearate (lubricant).

Recommended Adult Dose: 1 capsule, 1–2 times per day, or as directed by a health care practitioner. Consult a health care practitioner for use beyond 8 weeks.

Recommended Use: Helps the body to metabolize fats and proteins. Helps in connective tissue formation, and in the development and maintenance of bones, cartilage, teeth and gums. Helps in wound healing, is an antioxidant, and a factor in the maintenance of good health. Enzymatically Modified Isoquercitrin (EMIQ) uses a natural enzyme process to convert quercetin, which has poor bioavailability, into a soluble form (Alpha-Glycosyl Isoquercitrin) by attaching polysaccharides. According to pharmacokinetic data, the absorption of EMIQ is up to 40 times greater (Cmax) and 15 times greater (AUC) than that of quercetin and reaches peak levels in the bloodstream in just 15 minutes.

Caution: Consult a health care practitioner prior to use if you are pregnant or breastfeeding. Keep out of reach of children.

Contraindications: No specific contraindications, although safety has not been established during pregnancy or lactation. Patients with impaired renal function should also use with caution.

Drug Interactions: No specific drug interactions, although theoretically, drugs metabolized by CYP3A4 and/or P-glycoprotein (Pgp) could have altered pharmacokinetics/bioavailability.

Contains no artificial colours, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, soy, egg, fish, shellfish, animal products, salt, tree nuts, or GMOs. Suitable for vegetarians/vegans. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

References available at bioclinicnaturals.com



· GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.



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Bioclinic Naturals® Canada
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