



Code: 9241

Size: 60 Vegetarian Capsules

Actual Size: 22.79 mm x 8.44 mm



Mito AMP®

Advanced Mitochondrial Support* Enhances Cellular Respiration*

- Helps support peripheral circulation and cardiovascular health*
- CoQ10 has antioxidant activity and may help support mitochondrial function*¹
- R-alpha-lipoic acid may have better bioavailability than the racemic mixture²
- In vivo studies have noted that the combination of acetyl-L-carnitine and R-alpha lipoic acid may help support mitochondrial health*³
- Standardized *Ginkgo biloba* extract may help support cognitive function and memory in healthy adults*⁴
- Resveratrol, the antioxidant found in Japanese knotweed, may help support mitochondrial respiration in muscle*⁵
- Grape seed proanthocyanidins may help support mitochondrial function in skeletal muscle*⁶
- Suitable for vegetarians/vegans

PRODUCT SUMMARY

Healthy aging depends on healthy antioxidant activity.*⁷ While lifestyle interventions such as calorie restriction help support mitochondrial function in young non-obese adults, supplements such as L-carnitine may also support mitochondrial health.*⁸ The salt of L-carnitine, called acetyl-L-carnitine (ALC), is the preferred form for healthy aging as it has better absorption and more easily crosses the blood-brain barrier.*⁹ ALC helps maintain blood pressure and blood glucose already within the normal ranges.*¹⁰⁻¹³ ALC and R-alpha lipoic acid together may offer greater support than either one alone.*¹⁴ Recently discovered agents such as pyrroloquinoline quinone (PQQ) play a key role in supporting mitochondrial genesis via cell signaling (PGC-1 alpha).¹⁵ This latter ability to support mitochondrial production may in part explain the results of a recent open clinical trial. After taking 20 mg of PQQ daily for eight weeks, 20 healthy men and women (age 38 years on average) experienced support of energy maintenance, cognition, calm, and healthy mood.¹⁶ This formula, consisting of PQQ, ALC, CoQ10, ginkgo, resveratrol, and grape seed, helps support healthy cognitive function and memory as well as peripheral circulation and cardiovascular health in healthy adults.*



Supplement Facts

Serving Size 1 Vegetarian Capsule		
	Amount Per Serving	% Daily Value
Acetyl-L-Carnitine (N-acetyl L-carnitine hydrochloride)	300 mg	**
Ginkgo Biloba Extract (<i>Ginkgo biloba</i> (leaf) (24% ginkgo flavone glycosides, 6% terpene lactones)	80 mg	**
Japanese Knotweed Extract (<i>Polygonum cuspidatum</i> (root) (20% trans-resveratrol)	66.67 mg	**
Coenzyme Q10 (microorganism)	60 mg	**
R-Alpha Lipoic Acid	50 mg	**
Grape Seed Extract (<i>Vitis vinifera</i> (seed) (80% oligomeric proanthocyanidins)	30 mg	**
PQQ (BioPQQ®) (pyrroloquinoline quinone)	3.33 mg	**

** Daily Value not established.

Other ingredients: Vegetarian capsule (carbohydrate gum [cellulose], purified water), silica, magnesium stearate (vegetable grade), microcrystalline cellulose.

Serving Size: 1 Vegetarian Capsule

Servings Per Container: 60

Suggested Usage: 1 capsule 3 times per day or as directed by a health care professional. Consult a health care professional for use beyond 4 weeks.

Caution: Consult a health care professional prior to use if you are pregnant or breastfeeding, if you are taking medications for diabetes, high blood pressure or seizures, or if you have diabetes. Do not use if you are taking products that affect blood coagulation (e.g., blood thinners, clotting factor replacements, acetylsalicylic acid, ibuprofen, fish oils, vitamin E) as this may increase the risk of spontaneous bleeding. Keep out of reach of children.

Contraindications: Consult a health care professional prior to use if you have liver or kidney disease, or if you have been instructed to follow a low-protein diet. Do not use if you are taking health products that affect blood coagulation (e.g., blood thinners, clotting factor replacements, acetylsalicylic acid, ibuprofen, fish oils, vitamin E) as this may increase the risk of spontaneous bleeding. May cause mild gastrointestinal symptoms (transient nausea, vomiting, abdominal cramps and diarrhea). Feelings of sleeplessness and overstimulation may occur; discontinue use if such feelings persist or worsen.

Drug Interactions: *Ginkgo biloba* extract (GBE) significantly influenced talinolol (beta-1-adrenoceptor blocker) maximum plasma concentration, likely a result of P-glycoprotein activity.¹⁷ GBE induces CYP3A metabolism and reduces midazolam and tolbutamide concentrations.^{18,19}

Contains no artificial colors, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, soy, corn, 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

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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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