



Code: 9241 **NPN:** 80044491
Size: 60 Vegetarian Capsules
Actual Size: 22.79 mm x 8.44 mm



Mito AMP®

Enhances Cognitive Function and Memory

- CoQ10 has a beneficial role in the treatment of various chronic disorders that are highlighted by an impairment in mitochondrial bioenergetics and/or increased oxidative stress, such as CHF, Parkinson's, and migraine
- R-alpha-lipoic acid may have greater bioavailability than the synthetic mixture
- In vivo studies have noted that combinations of ALC and R-alpha-lipoic acid act synergistically in preventing mitochondrial decay
- Standardized *Ginkgo biloba* extract promotes cognitive functioning, neuropsychiatric symptoms, and functional abilities in those with vascular and Alzheimer's dementia
- Resveratrol, the potent antioxidant found in Japanese Knotweed, improves muscle mitochondrial respiration in obese humans, as well as several cardiometabolic risk factors
- Clinical trials indicate that administration of grape seed proanthocyanidins stimulated mitochondrial function in the skeletal muscle of obese Zucker rats and improved cognitive function in older adults
- Suitable for vegetarians/vegans

PRODUCT SUMMARY

Oxidative damage to the mitochondria is a major factor in cellular aging, along with neurological decay. While lifestyle interventions, such as calorie restriction, help improve mitochondrial function in young non-obese adults, certain supplements such as L-carnitine are also of therapeutic benefit. The salt of L-carnitine, called acetyl-L-carnitine (ALC), is the preferred form for conditions of disease and aging as it has better absorption and readily crosses the blood-brain barrier. ALC has been shown not only to improve mood, but also to exert a significant function in the disorders of aging, including fatigue, hypertension, insulin resistance, diabetic neuropathy, and dementia.

Mito AMP also provides *Ginkgo biloba* extract, resveratrol, R-alpha-lipoic acid, and grape seed proanthocyanidins, all of which modulate mitochondrial function, enhance cognitive function, and/or reduce inflammation associated with cognitive decline. Pyrroloquinoline quinone (PQQ) plays a key role in mitochondrial biogenesis via cell signalling (PGC-1 alpha), with clinical trials showing improved cerebral blood flow and brain function, improved memory when combined with CoQ10, as well as increased vigour and a significant reduction in symptoms of fatigue, tension, low mood, and confusion.



MITO AMP®
ENHANCES COGNITIVE FUNCTION AND MEMORY

Serving Size: 1 Vegetarian Capsule

Servings per Container: 60

Each Capsule Contains:

Acetylcarnitine (N-acetyl-L-carnitine Hydrochloride).....	300 mg
Ginkgo Biloba Extract (<i>Ginkgo biloba</i>) (leaf) (24% 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
BioPQQ® (Pyrroloquinoline Quinone Disodium Salt).....	3.33 mg

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

Recommended Adult Dose: 1 capsule 3 times per day with food or as directed by a health care practitioner. Consult a health care practitioner for use beyond 4 weeks.

Recommended Use: Helps enhance cognitive function and memory in adults. Helps support peripheral circulation and maintain and/or support cardiovascular health. An antioxidant for the maintenance of good health.

Caution: Consult a health care practitioner prior to use in the following cases: if you have diabetes, a seizure disorder, or liver or kidney disease, if you have been instructed to follow a low protein diet, or if you are taking medication for diabetes, high blood pressure, or seizures. 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. Do not use if you are pregnant or breastfeeding. 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. Keep out of reach of children.

Drug Interactions: ALC may help with opioid withdrawal. *Ginkgo biloba* extract (GBE) significantly influences talinolol (beta 1 adrenoceptor blocker) maximum plasma concentration, likely a result of p-glycoprotein activity. GBE induces CYP3A metabolism and reduces midazolam and tolbutamide concentrations.

Contains no artificial colours, 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 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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