



CogniFactors

Serving Size 2 capsules

Servings Per Container 30

Amount Per Serving

N-acetyl L-carnitine (HCl)	500 mg
Phosphatidylserine 20%	100 mg
Nattokinase (nattozimes)	100 mg
Bacopa leaf extract (<i>Bacopa monnieri</i>)(20%)	100 mg
DMAE (dimethylethanolamine)	100 mg
Ginkgo leaf extract (<i>Ginkgo biloba</i>)(24:6)	40 mg
Vinpocetine	10 mg
Alpha R-lipoic Acid	5 mg
Huperzine A (<i>Huperzine serrata</i>)(1%)	38 mcg

OTHER INGREDIENTS: Rice flour, stearic acid, silica, cellulose.

Contains soy (from nattozimes).

SUGGESTED USE: As a dietary supplement, take 2 capsules one to three times per day or as directed by your healthcare professional.

COGNI FACTORS

ENHANCED MENTAL CLARITY, IMPROVED MEMORY RETENTION, & IMPROVED ATTENTION*

- Provides specific botanicals, amino acids, circulatory aides, antioxidants, and accessory nutrients for optimal cognitive function and memory enhancement*
- Enhanced neuroprotection, mitochondrial energy support, and neurotransmitter balancing*

N-ACETYL L-CARNITINE (ALCAR) normally produced in the mitochondria, is a precursor of acetyl-Coenzyme A in the tricarboxylic acid (TCA) cycle. ALCAR's ability to attenuate oxidative stress and prevent mitochondrial ATP depletion is why ALCAR is considered a neuronal-support compound. ALCAR protects against beta-amyloid neurotoxicity and significantly reduces oxidative damage to RNA. Electron microscope studies of the hippocampus in old rats showed that ALCAR and or R-Alpha Lipoic acid reversed age-associated mitochondrial structural decay. Consider CogniFactors for your patients with mild to moderate memory impairment.*

PHOSPHATIDYLSERINE (PS) enhances cholinergic function, restores acetylcholine release (in aging rats), and prevents age-related reduction in dendritic spine density in the rat hippocampus. Studies have shown PS to restore Protein Kinase C activity. PS has demonstrated some usefulness in treating cognitive impairment and age-associated memory impairment. It is also useful in treating those patients with well known degenerative memory impairment conditions.*

NATTOKINASE is created by the bacterial fermentation of soy beans from the bacterium *Bacillus Natto*. Dr. Hiroyuki Sumi discovered this enzyme, "The enzyme of enzymes." Nattokinase functions as a fibrinolytic. Daily use reduces the risk of thrombotic events that may otherwise threaten our patients' lives (CVA, MI PE, etc.). Nattokinase enhances normal circulation and oxygen perfusion to tissues.*

BACOPA LEAF (*BACOPA MONNIERA*) has antioxidant properties and has a long traditional Ayurvedic use for memory enhancement. Rat studies show that Bacopa increases learning skills and visual information processing. Human studies show that Bacopa decreases the rate of forgetting and improves mood.*

REFERENCES:

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*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.

COGNIFACTORS

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DIMETHYL AMINO ETHANOL (DMAE) is made naturally in the brain. It has been shown to alleviate behavioral problems and normalize activity levels and attention. DMAE increases attention span, decreases aggressive behavior, improves learning ability, and occasionally shows an increase in IQ (70% of those with deficient attention span). DMAE inhibits and reverses cross-linking of proteins. Removal of age spots (lipofuscin pigment) from skin and neurons is enhanced. Anxiety is reduced and alertness is enhanced. Motivation is enhanced and apathy is reduced.*

DMAE improves interhemispheric flow of information in the corpus callosum, thereby improving creativity and verbal fluency. Sleep need is reduced by one hour after six weeks of use. Dreams become more vivid and sleep is sounder and more refreshing. DMAE enhances acetylcholine, choline, and RNA levels within the brain. DMAE has a superior ability to cross the blood-brain barrier.*

GINKGO LEAF EXTRACT (GINKGO BILOBA) is widely used as a dietary supplement for increasing cognitive function in elderly people. Its action is through its enhanced circulation (vasodilation) effects and its neuroprotective antioxidant qualities. Quality of GBE varies widely. 1999 consumer labs showed that nearly 25% of GBE brands tested did not meet their label claims of expected chemical marker compounds despite claims to being standardized.*

VINPOCETINE increases cerebral blood flow and metabolism. Vinpocetine comes from the plant *Vinca minor* and has a long-standing use as an aide to cognitive enhancement. Studies confirm its neuroprotective and antioxidant properties. Vinpocetine may have anticonvulsant benefits.*

ALPHA R LIPOIC ACID has strong antioxidant protective qualities and enhances antioxidant recycling. ARLA also supports enhanced mitochondrial metabolism through its support of the Krebs Citric Acid cycle and ATP production. This antioxidant is both fat and water soluble. ARLA may slow brain aging and have anti-aging benefits. ARLA has neuroprotective benefits. ARLA is the biologically active form of lipoic acid and is considerably stronger than synthetic ALA (alpha RS Lipoic Acid, racemic mixture).*

HUPERZINE A (HUPERZINE SERRATA) is a potent neuroprotective agent. Huperzine A gives support for healthy cognitive function. Balancing glutamatergic function protects against glutamate toxicity. Huperzine A prevents breakdown of acetylcholine by inhibiting acetylcholinesterase enzyme activity.*