

PEAk Factor

PEA & ALA

DESCRIPTION

Each capsule contains 300 mg of bioavailable palmitoylethanolamide (PEA) (Levagen[®]+) and 150 mg alpha lipoic acid (ALA). This product does not contain corn, soy, peanuts, gluten or dairy.

FUNCTIONS

PEA is an endocannabinoid-like lipid mediator that is naturally produced as a direct response to inflammatory markers. PEA is found in all tissues, including the brain, and helps to maintain cellular homeostasis. It is produced from membrane phospholipids whenever the body needs to repair muscles or minimize pain. It is produced as a biological response and repair mechanism, potentiating its actions at cannabinoid CB1, CB2 and GPR55 receptors, and TRPV1 channels.

Endogenous PEA is generally insufficient to counter chronic allostatic load as seen in chronic inflammatory disorders.^{1,3} PEA can also become more difficult to produce endogenously with age.³ Increasing endogenous PEA through decreasing its degradation or through exogenous administration has been shown to limit neuroinflammation and to have an analgesic action in models of neuropathic pain.^{1,2,3,4} Supplemental PEA is often used for joint pain and sports inflammation.^{5,6,7,8,9} PEA has been studied for the management of mild to moderate osteoarthritis symptoms, in exercise recovery, migraine, and immune support.^{8,9,10,11} PEA can also contribute to relaxation and restfulness leading to a superior quality of sleep.¹²

PEAk Factor features cold water dispersible Levagen[®]+, powered by LipiSpense[®] to increase absorption. LipiSpense[®] delivery reduces surface tension and eliminates the usual size absorption problems with standard PEA particles.³ With LipiSpense[®] technology, the PEA particles can freely disperse in water, have improved bioavailability and greater dose-efficacy. A pharmacokinetics study revealed that Levagen[®]+, had 1.8 times more bioavailability compared to standard PEA.

PEAk Factor also contains 150 mg of alpha lipoic acid (ALA), a very potent antioxidative agent. Oxidative stress is thought to possess a significant role in the pathogenesis of diabetic neuropathy.¹³ ALA has been shown to improve nerve blood flow, reduce oxidative stress and improve distal nerve conduction in a rat model of diabetic neuropathy.¹⁴ Clinical studies investigating the effect of α -lipoic acid on diabetic neuropathy have revealed promising results in terms of neuropathic symptoms.^{14,15}

INDICATIONS

PEAk Factor may be a useful supplement with benefits in the areas of pain, inflammation, immune support and sleep.

FORMULA (WW #10422)

1 Capsule Contains:

Palmitoylethanolamide (PEA) (Levagen[®]+) 300 mg
Alpha lipoic acid (ALA)..... 150 mg

Other Ingredients: Hypromellose, microcrystalline cellulose, vegetable magnesium stearate, silica.

Contains NO corn, soy, peanuts, gluten or dairy.

SUGGESTED USE

As a dietary supplement, adults take 1-2 capsules, twice daily, or as directed by a healthcare professional.

SIDE EFFECTS

Generally, well tolerated. Nausea is rarely reported. May lead to improvement in seizure thresholds.

STORAGE

Store in a cool, dry place, away from direct light.
Keep out of reach of children.

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.

Manufactured For:

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