



PEA Palmitoylethanolamide

Our Natural Source PEA is a Fraction of Non-GMO Safflower Oil • 400 mg

- For chronic pain relief
- Offers a natural source of PEA from non-GMO safflower oil
- Micronized for improved bioavailability
- Provides 400 mg PEA in each capsule, allowing for easy and clinically relevant dosing
- Suitable for vegetarians and vegans

Code: 9331 **NPN:** 80097473
Size: 90 Vegetarian Capsules
Actual Size: 23.1 mm x 8.65 mm



PRODUCT SUMMARY

Palmitoylethanolamide (PEA) is a type of lipid found in foods such as egg yolks, safflower lecithin, soybeans, and peanuts, but it is also endogenously produced. It has analgesic, neuroprotective, and anti-neuroinflammatory benefits. In clinical trials, PEA has been shown to reduce pain levels from a variety of chronic conditions (of at least 6 months duration) where pain was not controlled by standard therapies, demonstrating effectiveness both alone and when combined with standard treatments. PEA has been shown to be efficacious for pain resulting from nerve compression syndromes, including sciatica and carpal tunnel syndrome. Randomized trials have also shown benefit for pain control for specific conditions, including TMJ, as well as for depressive symptoms in major depressive disorder when used in conjunction with antidepressants. In addition, PEA has been shown to improve endothelial function and reduce intraocular pressure among patients with ocular hypertension.

PEA mediates the resolution of neuroinflammation and clinically reduces pain from a variety of sources. PEA is a type of fatty acid ethanolamine produced in microglia and mast cells, where it downregulates the activation of both cell types; levels of PEA are increased in brain areas involved in nociception, and appear to modulate protective responses to both inflammation and pain. Its effects are mediated via direct activation of PPAR- α and GPR55 receptors, and potentially by indirect activation of CB1 and CB2 receptors and the TRPV1 channel (i.e., the capsaicin receptor).



PEA (PALMITOYLETHANOLAMIDE)

OUR NATURAL SOURCE PEA IS A FRACTION OF NON-GMO SAFFLOWER OIL · 400 MG

Serving Size: 1 Vegetarian Capsule

Servings per Container: 90

Each Capsule Contains:

Palmitoylethanolamide (PEA)..... 400 mg

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

Recommended Adult Dose: 1 capsule 1–3 times per day or as directed by a health care practitioner. Clinical trial dosages typically range from 400–1200 mg per day in divided doses.

Recommended Use: Studies show that PEA helps relieve chronic pain.

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

Contraindication: No known contraindications exist, though safety during pregnancy and lactation has not been established.

Drug Interactions: Currently there are no known drug interactions; PEA has been used in clinical trials as a stand-alone analgesic, as well as in conjunction with citalopram, pregabalin, gabapentin, amitriptyline, oxycodone, and duloxetine.

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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