

ENZYME SCIENCE®

PRACTITIONER DIVISION OF ENZYMEDICA



(PEA)+

Ultra-Micronized PEA with Meriva® Curcumin

According to data collected from the 2019 National Health Interview Survey, more than one in five US adults (50.2 million people) experienced pain or discomfort and report having pain most days or every day.¹

Discomfort can range from a variety of indications, including effects on mood, mobility, and overall health and wellness. Most often, occasional pain, stiffness and compromised tissue are the result of overexertion and everyday stress.

When excited nerves issue sensory information to the brain, the body can react in the form of uncomfortable sensations. Many individuals experiencing common ailments often choose to self-medicate.² These consumers turn to easily accessible over-the-counter medications such as NSAIDs instead of coping with the short-term discomfort. A study led by the Director of the Slone Epidemiology Center at Boston University evaluating consumer compliance with recommended NSAID usage found nearly 20% of individuals exceeded daily maximum doses during a one-week period.³ When misused or overused, these OTCs can cause gastrointestinal toxicity, stomach bleeding and kidney or liver damage.

For those experiencing only occasional discomforts, a natural approach may be a better option to alleviate physical suffering.* Dietary supplements work with the body's natural processes for physiological stress and soreness without the side effects associated with the overuse of pain medications.* Palmitoylethanolamide (PEA) is an extensively researched natural ingredient for important neuroprotective actions.*⁴ This ingredient has been utilized for decades and is available in dietary supplements worldwide as an option for the onset of physiological stress.*

PEA is an endogenous fatty acid amide that belongs to the family of biologically active lipids that are increased by the body to soothe discomfort naturally.*⁵ PEA was identified over 60 years ago when it was isolated from extracts of brain, liver, and muscle of rat and guinea pig. It was later found to be contained in chicken egg yolk, olive oil, safflower and soy lecithin, peanut meal and several other foods.

Since PEA is a lipid that has a large particle size in its unprocessed state, that can limit its solubility and bioavailability. However, ultra-micronized PEA has been processed using an air-jet milling technique. Both its particle size and purity are then confirmed. Research shows that, in animal studies, this form of PEA has a "superior" action.^{6,7} That's why we use this form in (PEA)+.

3 Benefits in 1

The biological properties and mechanisms of PEA naturally produced by the body, involve a variety of effects including those upon glial and mast cells, cannabinoid-2 receptors, NF-kB, and effects on the nuclear receptor peroxisome proliferator-activated receptors.⁸ Glial and mast cells naturally play a key role in the body's management of discomfort. Cannabinoid-2 receptors are more often found on immune cells, in the gastrointestinal tract, and in the

- For stress & overexertion*
- Nervous system support*
- Clinically proven form of PEA*

Now with ultra-micronized PEA (naturally derived from safflower seeds) and Meriva® curcumin phytosome.*

(PEA)+ relieves stress, soreness and discomfort associated with occasional pain, stiffness and compromised tissue function.* Naturally affects the bliss molecule that helps promote joy.* Ultra-micronized PEA the clinically proven superior form.* Meriva® curcumin phytosome is highly bioavailable.*

SUPPLEMENT FACTS

Supplement Facts

Serving Size: 2 Capsules
Servings Per Container: 30

Amount Per Serving	%DV
Meriva® Curcumin Phytosome Phosphatidylcholine Complex (<i>Curcuma longa</i>) (rhizome) (18-22% curcuminoids)	500 mg **
Ultra-Micronized PEA (Palmitoylethanolamide)	300 mg **

** Daily Value (DV) not established

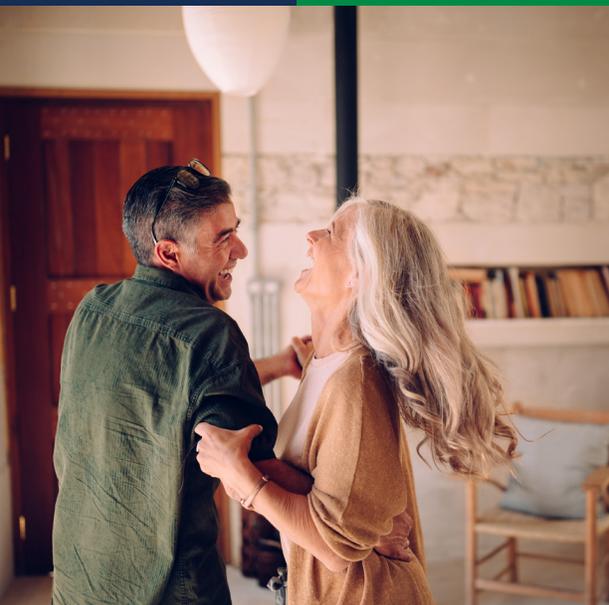
OTHER INGREDIENTS:

100% vegetarian capsule (HPMC, water), rice concentrate

CONTAINS NO: Casein, crustaceans, eggs, fish, gluten, milk, nuts, sesame, shellfish, soy, wheat; Artificial colors, fillers or flavors

RECOMMENDED DOSE:

2 capsules twice daily, with or without food. More may be taken as recommended by your healthcare practitioner. Consult a physician before use if you are pregnant or nursing, taking medications or have a medical condition.



peripheral nervous system. In addition, PEA enhances the effects of the fatty acid anandamide (also referred to as the “bliss molecule”) when it binds to CB receptors.*

About (PEA)+

Enzyme Science offers (PEA)+, a unique blend of PEA, from safflower seed, paired with the well-researched, patented, and highly bioavailable curcumin, Meriva® Phytosome. There are two sources of PEA commercially available. Synthetic forms require the use of powerful synthetic solvents such as toluene. On the other hand, PEA can be naturally derived from safflower lecithin. (PEA)+ only utilizes naturally derived palmitoylethanolamide from safflower seed, in a uniquely superior, ultra-micronized blend.

Curcumin is the yellow pigment of turmeric (*Curcuma longa* L.), the most widely used spice of the Indian cuisine and a major ingredient of curry powders. Curcumin is one of the best investigated ingredients in the supplement industry but shows very poor oral absorption. Meriva® Phytosome is a patented formulation of curcumin made with sunflower-derived phosphatidylcholine. Phytosome® technology improves the bioavailability by offering a higher stability and oral absorption in comparison with unformulated curcumin.⁹ Meriva was independently endorsed by the prestigious Cleveland Clinic as the curcumin formulation of choice.

PEA+ for Optimal Health*

In optimal health, the body’s natural production of PEA is in homeostasis. This balance can sometimes be compromised due to negative stimuli. As a result, the response to this threat of imbalance can cause a deficiency in PEA production. Supplementation of PEA works with the body to support this delicate balance, calm discomfort and promote levels for well-being.* In combination with Meriva Curcumin, this formula provides natural support for the entire body with a focus on the body’s nervous, immune and muscular systems.*

References

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Additional information was made available by the ingredient manufacturers.



As the practitioner division of Enzymedica, America’s #1 digestive enzyme company, we know you trust us to help your clients – our integrity and quality reflect the values of your practice. This is our promise.

ENZYME SCIENCE®

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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.