

PEAlyte®

Enhanced Palmitoylethanolamide
With LipiSpense™

Category

Pain & Inflammation Relief

How to Use

1 capsule once or twice daily

When to Use

Any time of the day



PEAlyte® contains enhanced palmitoylethanolamide (PEA) with the LipiSpense delivery system, providing increased absorption and serum concentration of PEA.

PEA is a fatty acid amide, produced naturally by the body in response to stress and pain and is related to an endocannabinoid called anandamide.

PEA Mechanism of Action

- ▶ Anti-inflammatory effects in various cell types, including at the site of nerve injury
- ▶ Prolongation of endocannabinoids activity by inhibiting the enzyme FAAH¹ and reducing FAAH gene expression
- ▶ Direct effects on various PPARs²
- ▶ Indirect activation of cannabinoid receptors and TRPV1³ channels

PEAlyte® Helps Improve



Chronic pain



Osteoarthritis



Migraine headaches



Cognitive function



Mood disorders



Sleep onset latency and cognition on waking

Effectiveness of PEA in Chronic Pain

A systematic review and meta-analysis
in patients with different types of chronic pain

11 clinical trials

774 patients with chronic pain

Dose range: 300 to 1200 mg/day

PEA was associated with reduced pain and improvement of quality of life and functional status without major side effects.

Based on a meta-analysis of 18 studies involving 1196 patients, PEA is effective for all pain types including nociceptive, neuropathic, and nociplastic pain.

¹Fatty Acid Amide Hydrolase

²Peroxisome Proliferator-Activated Receptors

³Transient Receptor Potential cation channel subfamily V member 1

Effectiveness of PEA in Osteoarthritis

An 8-week double-blind randomized placebo controlled study
in patients with knee osteoarthritis

111 patients with mild to moderate knee osteoarthritis

Randomized to receive 300/600 mg PEA or placebo

PEA supplementation was associated with:

Significant pain reduction

Significant stiffness reduction

Improvement of function by 600 mg PEA

Reduced need for rescue analgesic

Significant anxiety reduction

Effectiveness of PEA in Migraine

A double-blind randomized placebo controlled study
in patients with migraine headache

64 participants

Randomized to receive 600 mg PEA or placebo upon commencement of migraine symptoms

PEA resolved more headaches and reduced the use of rescue medication.

Natural Product Facts

Ingredient	Amount per Serving (mg)	% Daily Value
Palmitoylethanolamide (PEA)	270	*

*Daily value not established.

Packaging

30 capsules per container

Serving Size

1 capsule



Orchid Pharmed
Sky's the Limit



Arvand Pharmed

References

