



# MEGAPEX®

**OMEGAPEX®** is an exclusive and standardized formulation designed to deliver a complete spectrum of plant-based Omega fatty acids derived from Sea Buckthorn. By combining both fruit oil and seed oil, **OMEGAPEX®** ensures the presence of Omega 3, 6, 7, and 9 in optimal balance—something rarely found within a single natural source.

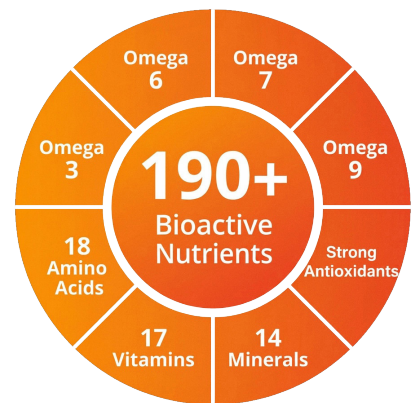
Produced using advanced supercritical CO<sub>2</sub> extraction technology, **OMEGAPEX®** preserves the integrity of delicate bioactive compounds without the use of heat or chemical solvents. This process results in higher purity, enhanced stability, and improved bioavailability of essential nutrients, including Omega 7 (palmitoleic acid), tocopherols (vitamin E), carotenoids, and plant sterols.

The result is a full-spectrum omega system with a clinically oriented approach that supports cellular health, mucosal integrity, skin hydration, and overall physiological balance—positioning **OMEGAPEX®** as one of the most advanced plant-based omega solutions available today.

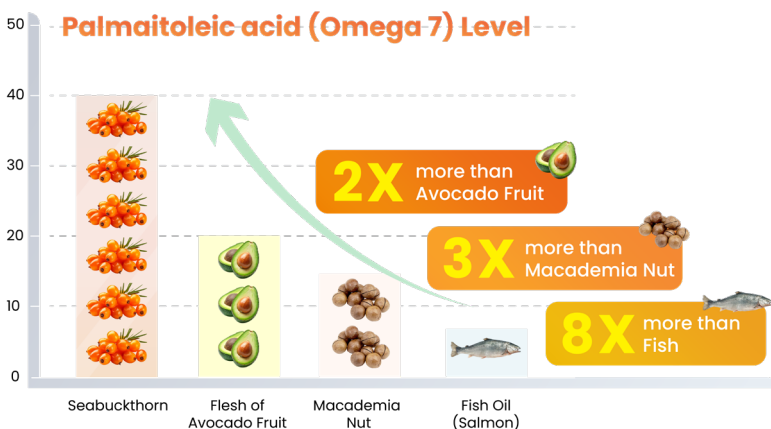
## Valuable Healing Berry

SeaBuckthorn is sustainable, plant based source for omega 3,6,9 as well as the rare omega-7. SeaBuckthorn is also an antioxidant powerhouse with many vitamins and minerals

The unique nutritional profile of SeaBuckthorn offers over 190 phytonutrients and supercharged antioxidants.



## What is SeaBerry?



## What is Omega 7?

- Strong antioxidant – cellular rejuvenation
- Anti-Inflammation
- Improves cardiovascular health – cholesterol control
- Improves brain and nervous system function\*
- Improve digestive function – support mucosal membrane repair
- Support metabolic syndrome – weight and blood glucose management

# OMEGAPEX® MAY IMPROVE ATOPIC DERMATITIS

**Seabuckthorn** (*Hippophae rhamnoides*) has been studied for its potential role in supporting skin barrier function and inflammatory balance, particularly in individuals with atopic dermatitis. Its naturally occurring **Omega 7** (palmitoleic acid), together with **Omega 3, 6, and 9**, contributes to maintaining the integrity of the epidermal barrier, which is often compromised in atopic skin. Disruption of this barrier can lead to increased transepidermal water loss (TEWL), dryness, and heightened skin sensitivity.

Nutritional supplementation with Seabuckthorn-derived oils has been associated with support for skin hydration and barrier resilience, which may help improve overall skin comfort. In addition, its antioxidant components, including tocopherols and carotenoids, may support protection against oxidative stress, which is known to influence inflammatory skin conditions.



### Design:

Placebo-controlled, parallel, randomized, double-blind trial was conducted in 49 atopic dermatitis patients

### Result:

- Symptom severity was rated by SCORAD
  - 0: None
  - 3: Severe
- Improvement in atopic eczema symptom
- Increase in essential fatty acid in plasma phospholipids and neutral lipids

