



# 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.

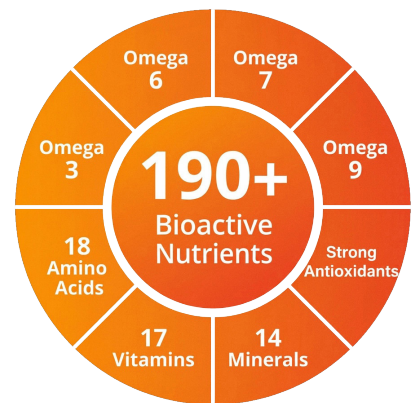
Produced using advanced supercritical CO<sub>2</sub> extraction technology, **OMEGAPEX®** preserves the integrity of delicate bioactive compounds without the use of heat or chemical solvents. This process results in higher purity, enhanced stability, and improved bioavailability of essential nutrients, 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.

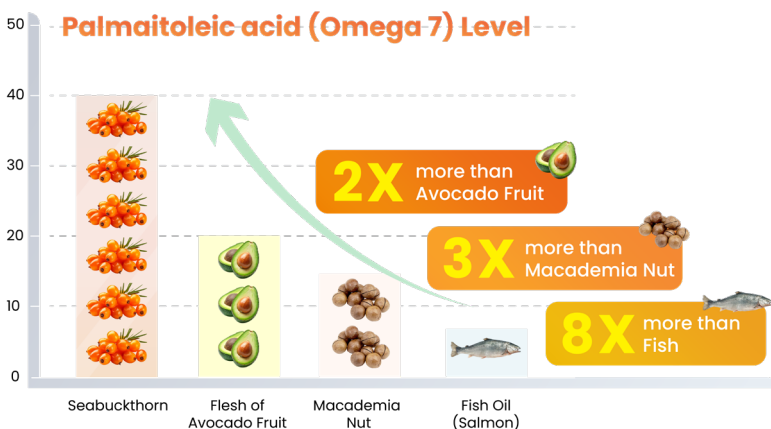
## Valuable Healing Berry

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®

## CLINICALLY SUPPORTED ANTIOXIDANT ACTIVATION

**Seabuckthorn** proanthocyanidins have been clinically studied for their role in supporting the body's internal antioxidant defense system.

In a randomized, placebo-controlled trial involving adults aged 45–65, daily supplementation demonstrated measurable improvements in key biomarkers associated with oxidative balance.



The results showed a significant increase in Superoxide Dismutase (SOD) by 11% and Glutathione (GSH) by 4%—two critical endogenous antioxidants responsible for neutralizing reactive oxygen species and protecting cellular integrity. At the same time, there was a 15% reduction in Malondialdehyde (MDA), a well-established marker of lipid peroxidation and oxidative stress.

This dual modulation—enhancing the body's natural antioxidant capacity while reducing oxidative damage—highlights the functional potential of Sea Buckthorn as a powerful contributor to cellular protection, resilience, and long-term vitality.

# OMEGAPEX®

## MAY IMPROVE ATOPIC DERMATITIS

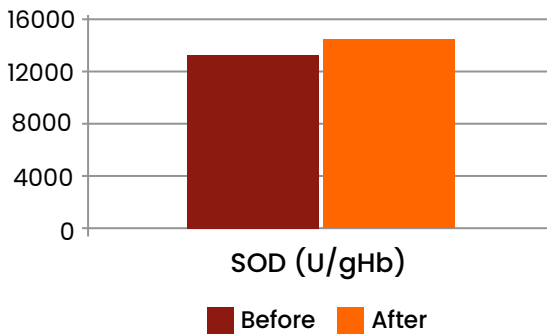
### Design:

Randomized, placebo-controlled trial was conducted in 106 participants aged from 45–65 years old.

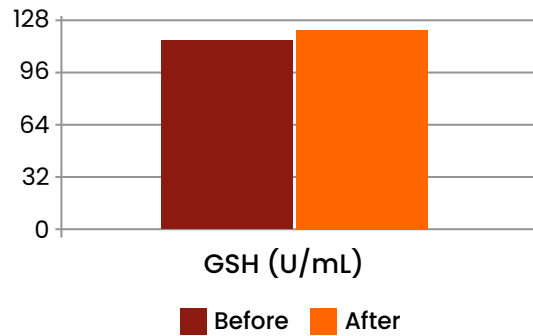
### Result:

- Significant increase in SOD by 11% and GSH by 4%
- Significant reduction in MDA by 15%

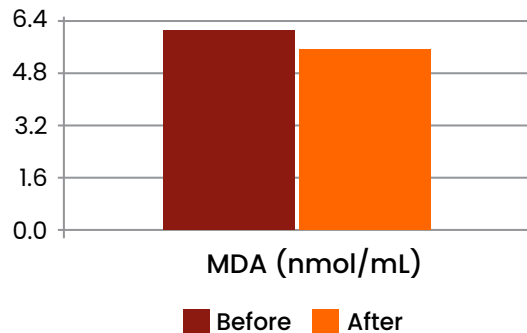
### SOD



### GSH



### MDA



### Conclusion:

169 mg sea buckthorn proanthocyanidins per day may increase SOD, GSH and lowers MDA.