



Omega-7 700

Product Name:

AlaskOmega® Omega-7 700

Product Code: 300075

AlaskOmega® C16:1 Palmitoleic Acid Omega-7 concentrates are made by Organic Technologies, a family owned and operated company since 1981. Our sustainable Omega-7 concentrates are manufactured at our cGMP refinery in Eastern Ohio.

Exceptionally Pure

- Refining process results in an extremely pure and fresh tasting oil and removes all traces of fish odor or flavor.
- Full spectrum of laboratory testing meets or exceeds GOED Voluntary Monograph for trace impurities.

Highly Potent

- AlaskOmega Omega-7 700 has a minimum of 70% Omega-7 content, up to 7x more potent than other sources of omega-7, including sea buckthorn berry oil (8.9% - 31%).⁽¹⁾
- Highly concentrated C16:1 Palmitoleic Acid Omega-7 allows for delivery of higher Palmitoleic acid label claims, or use of smaller capsule sizes, versus other unconcentrated sources.

Truly Sustainable

- Our fish oils are sourced from a truly sustainable fishery. Certified by the MSC since April 2005, the Alaska Pollock fishery has been responsibly managed for over 40 years.



Vertical. Reliable.

- Our long-term supply partnerships ensure our Omega-7 concentrates are vertically integrated back to the source. With deep roots in manufacturing health and nutrition products, Organic Technologies has been developing innovative solutions for our customers for over 35 years.

Quality Standards:

AlaskOmega® is made by Organic Technologies at an FDA registered NSF certified facility under cGMPs for dietary supplements.



Description:

Concentrated Omega-7 Fish Oil Ethyl Esters, bright and clear, colorless to pale yellow oily liquid

Country of Origin:

Manufactured in the USA from USA wild-caught fish
FEI Approval No. - 1000122503

Ingredients:

Concentrated Fish Oil Omega-7 Ethyl Esters, IP certified natural mixed tocopherols (Natural Vitamin E)

Species:

USA wild caught Alaska Pollock (*Gadus chalcogrammus*).

| Description | Specification | Method |
|---|--|---------------|
| C16:1 Palmitoleic Acid as EE ¹ | 700 mg/g min | QC-193C |
| C16:0 Palmitic Acid as EE ¹ | 40 mg/g min | QC-193C |
| Ratio of C16:1 to C16:0 | 18:1 max | Calculation |
| C20:5n3 Eicosapentaenoic Acid (EPA) as EE | 2mg/g max | QC-193C |
| C22:6n3 Docosahexaenoic Acid (DHA) as EE | 2mg/g max | QC-193C |
| Appearance | Bright and clear, colorless to pale yellow oily liquid | QC-529 |
| Taste and Odor | Bland, characteristic | QC-304B |
| Acid Value, mg KOH/gm | 1.0 max | AOCS Cd 3d-63 |
| Anisidine Value | 5 max | AOCS Cd 18-90 |
| Peroxide Value, meg/kg | 1.0 max | AOCS Cd 8b-90 |
| Total oxidation, TOTOX (2 x Peroxide Value + Anisidine Value) | 7 max | Calculation |
| Cholesterol | 0.1% max | QC-186K |
| Oligomers and partial glycerides | 1.0% max | QC-816 |
| Color | 4 Gardner max | QC-536 |

¹ EE - Ethyl Ester

(1) J Agric Food Chem. 2001 Apr;49(4):1939-47. Fatty acid composition of lipids in sea buckthorn (*Hippophaë rhamnoides* L.) berries of different origins. Yang B1, Kallio HP.



Omega-7 700

| Contaminant Testing (every lot) | Limit | Method |
|--|---------------------------|-----------------|
| Lead (Pb) by ICP-MS | 0.01 mg/kg max | AOAC 993.14 |
| Cadmium (Cd) by ICP-MS | 0.01 mg/kg max | AOAC 993.14 |
| Mercury (Hg) by ICP-MS | 0.01 mg/kg max | AOAC 993.14 |
| Arsenic (As) by ICP-MS | 0.1 mg/kg max | AOAC 993.14 |
| PCBs (209 Cogeners) | 0.045 mg/kg max | EPA 1668A |
| PCDDs and PCDFs | 1 pg WHO-PCDD/F-TEQ/g max | EPA 1613B |
| Dioxin-like PCBs | 2 pg WHO-TEQ/g max | EPA 1668A |
| Total Dioxins, Furans and Dioxin-like PCBs | 2 pg WHO-TEQ/g max | EPA 1668A/1613B |
| Total Microbial Count | <10/g | USP 61 |
| E. Coli | Neg/10g | USP 62 |
| Salmonella | Neg/10g | USP 62 |
| Staphylococcus | Neg/10g | USP 62 |
| Yeast | <10/g | USP 61 |
| Mold | <10/g | USP 61 |

Package Sizes Available:

| MSC Certified | Size |
|-----------------|-------------------------------------|
| 300075 - 180 kg | 55 gal. lined tighthhead steel drum |
| 300075 - 26 kg* | 8 gal. lined tighthhead steel drum |

*Additional lead time may apply.



NSF certified for GMP dietary supplements



MSC certified for sustainable fisheries chain of custody MSC-C-52212.

The Marine Stewardship Council is an exciting and ambitious program, working with partners to transform the world's seafood markets and promote sustainable fishing practices. To learn more, please visit www.msc.org.