



Omega-7 500

Product Name:

AlaskOmega® Omega-7 500

Product Code: 300034

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-7 500 has a minimum of 50% Omega-7 content, up to 5x 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.

(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.

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	500 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	15:1 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)	5 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



Omega-7 500

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
300034 - 180 kg	55 gal. lined tighthhead steel drum
300034 - 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.