



## TG 420210 M EU

**Product Name:** AlaskOmega® TG 420210 M EU

**Product Code:** 300047

**Description:**

Concentrated Wild Alaskan Pollock Oil, clear, colorless to yellow oily liquid.

**Ingredients:**

Concentrated Wild Alaskan Pollock Oil Omega-3 Triglyceride, E306 IP Certified Natural Mixed Tocopherols (Natural Vitamin E)

**Species:** MSC-certified USA wild caught Alaska Pollock (*Gadus chalcogrammus*)

**Country of Origin:** Manufactured in the USA from USA wild-caught fish - FEI No. 1000122503

**Market-Leading TOTOX Freshness:**

Careful final deodorization of Omega-3 triglycerides achieves a maximum **TOTOX of 5** and removes nearly all flavor and odor compounds responsible for “fish” flavors, leading to increased consumer acceptance of products.

**Exceptionally Pure**

Our manufacturing process ensures that AlaskOmega® products meet or exceed the Eu. Ph. Monograph and GOED Voluntary monograph for Omega-3 Fatty Acid supplements.

- Bleaching process removes color, heavy metals, including organic and inorganic arsenic.
- Molecular distillation process removes free fatty acids, odor/flavor, and organopollutants such as PAHs, PCBs, Dioxins, and Furans.

**About the Manufacturer:**

AlaskOmega® Omega-3 fish oils are made by Wiley Companies, a family owned and operated company since 1981. Our sustainable EPA and DHA Omega-3 concentrates are manufactured at our cGMP refinery in Eastern Ohio in the United States. Long-term supply partnerships ensure our Omega-3 fish oil is vertically integrated back to the source. With deep roots in manufacturing health and nutrition products, Wiley Companies has been developing innovative solutions for our customers worldwide for over 35 years.



**Certified Sustainable**

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

	Description	Specification	Method
mg/g as TG	Total Omega-3 <sup>1</sup> Fatty Acids as TG <sup>2</sup>	730 mg/g min	QC-193C
	C20:5 Eicosapentaenoic Acid (EPA) as TG <sup>2</sup>	420 mg/g min	QC-193C
	C22:6 Docosahexaenoic Acid (DHA) as TG <sup>2</sup>	210 mg/g min	QC-193C
	EPA + DHA as TG <sup>2</sup>	630 mg/g min	QC-193C
mg/g as FFA	Total Omega-3 <sup>1</sup> Fatty Acids as FA <sup>3</sup>	700 mg/g min	QC-193C
	C20:5 Eicosapentaenoic Acid (EPA) as FA <sup>3</sup>	400 mg/g min	QC-193C
	C22:6 Docosahexaenoic Acid (DHA) as FA <sup>3</sup>	200 mg/g min	QC-193C
	EPA + DHA as FA <sup>3</sup>	600 mg/g min	QC-193C
Area%	Total Omega-3 <sup>1</sup> Fatty Acids as Area %	75% min	QC-193C
	C20:5 Eicosapentaenoic Acid (EPA) as Area %	44% min	QC-193C
	C22:6 Docosahexaenoic Acid (DHA) as Area %	22% min	QC-193C
	EPA + DHA as Area %	66% min	QC-193C
Composition	Triglycerides	90% min	QC-816
	Diglycerides	10% max	QC-816
	Monoglycerides	2% max	QC-816
	Partial Glycerides (di- & mono-)	10% max	QC-816
	Oligomers	1% max	QC-816
Oxidation	Acid Value, mg KOH/gm	1.0 max	AOCS Cd 3d-63
	Anisidine Value	5.0 max	AOCS Cd 18-90
	Peroxide Value, meq/kg	1.0 max	AOCS Cd 8b-90
	Total oxidation, TOTOX (2 x Peroxide Value + Anisidine Value)	5.0 max	Calculation
Physical	Cholesterol	0.1% max	QC-186K
	Appearance	Clear, colorless to yellow, oily liquid	QC-529
	Color (Gardner)	6 max	QC-536
	Total Intensity of Aroma (TIA)	1-1/2 max	QC-313B
	Total Intensity of Flavor (TIF)	1-1/2 max	QC-313B

<sup>1</sup> Total Omega-3 is sum of n-3 PUFAs, including C18:3 ALA, C18:4 SDA, C20:4 ETA, C20:5 EPA, C21:5 HPA, C22:5 DPA, and C22:6 DHA

<sup>2</sup> TG - Expressed as Triglyceride

<sup>3</sup> FA - Fatty Acid Equivalents



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	Contaminant Testing	Limit	Method
Metals	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
Organopollutants	PCBs (209 Congeners)	0.02 mg/kg max	EPA 1668A
	PCDDs and PCDFs	1 pg WHO-PCDD/F-TEQ/g max	EPA 1613B
	Dioxin-like PCBs	1.5 pg WHO-TEQ/g max	EPA 1668A
	Total Dioxins, Furans and dioxin-like PCBs	1.5 pg WHO-TEQ/g max	EPA 1668A/1613B
	PAHs: Benzo(a)pyrene	2.0 ppb max	QC-9908
	PAHs: Sum of Benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene, and chrysene	10.0 ppb max	QC-9908
Micros	Total Microbial Count	<10 cfu/g	USP 61
	E. Coli	Neg/10g	USP 62
	Salmonella	Neg/10g	USP 62
	Staphylococcus	Neg/10g	USP 62
	Pseudomonas aeruginosa	Neg/1g	USP 62
	Bile-tolerant gram-negative bacteria	<100 cfu/g	USP 62
	Yeast Mold	<10 cfu/g <10 cfu/g	USP 61 USP 61

### Package Sizes Available:

300047 - 900 kg	275 gal. EVOH lined poly intermediate bulk container (IBC)
300047 - 190 kg	55 gal. lined tighthhead steel drum
300047 - 27 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](http://www.msc.org).