

Certificate of Analysis

Product: Triple Action Omega-3™
 Product Description: BioMarine® 34/26 Fish Oil with Vegapure® Phytosterol Complex, Co-Q10, and Natural Lemon/Lime Flavor
 Product Number: MNSG-245
 Batch No: 2003069 (0021170707)
 Packaged Lot No.: 2003069B
 Date of Manufacture: April 05, 2020
 Best Before Date: April, 2022

Rev. 0

General	Specification	Results	Method
Description	Two-tone white/amber soft gelatin capsules containing an oil suspension	Complies	STM001
Softgel Size and Shape ⁵	20 Oblong	Complies	STM001, STM004
Average Fill Weight	1284 mg +/- 5%	1295 mg	USP <2091>
Rupture Time	Max. 15 minutes	2 minutes	USP <2040>
Acid Value ¹	Max. 3 mg KOH/g	0.1 mg KOH/g	Ph.Eur. 2.5.1
Peroxide Value ¹	Max. 5 meq/kg	<0.5 meq/kg	Ph.Eur. 2.5.5
Anisidine Value ¹	Max. 20	4.1	Ph.Eur. 2.5.36
Lead ¹	Less than 0.1 mg/kg	Pass	AAS/ICP-OES/MS
Cadmium ¹	Less than 0.1 mg/kg	Pass	AAS/ICP-OES/MS
Mercury ¹	Less than 0.1 mg/kg	Pass	AAS/ICP-OES/MS
Arsenic (inorganic) ¹	Less than 0.1 mg/kg	Pass	AAS/ICP-OES/MS
PCBs (209 Congeners) ¹	Max. 0.09 mg/kg	Pass	HRGC-HRMS (EN 1948 mod)
Sum of Dioxins & Furans (17) ¹ - TEQ ²	Max. 1.75 pg/g	Pass	HRGC-HRMS (EN 1948 mod)
Sum of Dioxins & Furans and Dioxin like PCBs ¹ -TEQ ²	Max. 3 pg/g	Pass	HRGC-HRMS (EN 1948 mod)

Microbiological Standard	Specification	Results	Method
Total Plate Count	Max. 3,000 CFU/g	<3,000 cfu/g	USP<2021> or equivalent
Total Mold & Yeast Count	Max. 300 CFU/g	<300 cfu/g	USP<2021> or equivalent
<i>Escherichia coli</i>	Negative/10g	Negative/10g	USP<2022> or equivalent
<i>Salmonella spp.</i>	Negative/10g	Negative/10g	USP<2022> or equivalent
<i>Staphylococcus aureus</i>	Negative/10g	Negative/10g	USP<2022> or equivalent

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Ingredients	Specification (per 1 softgel)	Results	Method
Concentrated BioMarine® Omega-3 Fish Oil with Natural Lemon/Lime Flavor and Proprietary Antioxidant Blend	760 mg +/- 5%	747 mg	Formulation and In Process Controls
EPA (as EE) ³	Min. 215 mg	314 mg	GOED or equivalent
DHA (as EE) ³	Min. 155 mg	187 mg	GOED or equivalent
Other Omega-3s (as EE) ³	Report	107 mg	Calculation
Additional Omega-3 ⁴ (as EE) ³	Min. 80 mg	238 mg	Calculation
Total Omega-3s (as EE) ³	Min. 450 mg	608 mg	GOED or equivalent
Vitamin D (as Cholecalciferol)	Min. 500 IU	554 IU	LC-MSMS
CoQ10	Min. 25 mg	27 mg	USP
Vegapure® Phytosterol Complex	Min. 410 mg	453 mg	Formulation and In Process Controls
Phytosterols	Min. 400 mg	417 mg	GC-MS
Flavor coating	LemonLock	Conforms	Formulation and In-process Controls

¹Analysis performed on input fish oil before encapsulation and addition of other ingredients.

²Toxicity Equivalents according to WHO

³Measured as Ethyl Ester. Marine will accept analytical results from the Eurofins laboratory in Des Moines, IA using the GOED method.

Analytical results using other methods or analytical results from other test laboratories will not be recognized in a possible conflict of results.

⁴Additional Omega-3s include EPA and DHA above minimum specification as well as Other Omega-3s from line above.

⁵Size 20 oblong tooling used. This size encompasses range of 18.5 to 22 minims fill volume and dimensions.

Ingredients: Fish oil Oil (anchovy sardine, mackerel), Vegapure® Phytosterol Complex; gelatin, bovine; yellow beeswax; coenzyme Q10; purified water; soy lecithin; natural lemon/lime flavor; caramel; titanium dioxide; Proprietary Antioxidant Blend (rosemary extract, natural mixed tocopherols (soy), and ascorbyl palmitate), cholecalciferol (in corn oil)

Allergen: Contains fish oil and soybean. Highly refined fish oil labeling exempted according to c,d. Labeling required according to a,b. Mixed tocopherols (E306). Labeling exempted according to b,c,d. Labeling required according to a.

- a) Australian New Zealand Food Standards Code (Standard 1.2.3)
- b) Directive 2000/12/EC as amended, list according to Annex IIIa
- c) US Food Allergen Labeling and Consumer Protection Act (FALCPA)
- d) Health Canada 2011 Amendments of Food Allergen Labeling Regulations