

Certificate of Analysis

PRODUCT NAME: Triple Action Omega-3 –60 ct
PRODUCT: BioMarine™ 34/26 Concentrated Marine Oil MOST¹
 Quality with Vegapure® Phytosterol Complex, Co-Q10,
 and Natural Lemon/Lime Flavor
PRODUCT NO.: MNSG-245
BATCH NO.: SB007526 (50991905)
LABEL LOT: **075265 01/2018**
MANUFACTURED: January, 2016
BEST BEFORE/RETEST BY: January, 2018

General	Manufacturing Specification	Results	Method
Pharmaceutical Form	Two-tone white/amber soft gelatin capsules containing a light golden suspension	Conforms	Observation
Capsule size and shape	22 oblong	Conforms	Observation
Average Fill Weight	1228 mg +/- 5%	1251 mg	USP <2091>
Disintegration/Rupture time	Max. 15 minutes	2 min.	USP <2040>
Acid Value ¹	Max. 3 mg KOH/g	0.2 mg KOH/g	Ph.Eur. 2.5.1
Peroxide Value ¹	Max. 5 meq/kg	1.0 meq/kg	AOCS Cd 8-53
Peroxide Value for Finished Softgels ⁶	Report	15	USP<401>
Anisidine Value ¹	Max. 20 meq/kg	6	Ph.Eur. 2.5.36
Lead ¹	Max. 0.1 mg/kg	Passed	External Laboratory*
Cadmium ¹	Max. 0.1 mg/kg	Passed	External Laboratory*
Arsenic (inorganic) ¹	Max. 0.1 mg/kg	Passed	External Laboratory*
Mercury ¹	Max. 0.1 mg/kg	Passed	External Laboratory*
PCBs (209 Congeners) ¹	Max. 0.09 mg/kg	Passed	External Laboratory*
Sum of Dioxins & Furans (17) ¹ – TEQ ²	Max. 1.75 pg/g	Passed	External Laboratory*
Sum of Dioxins & Furans and Dioxin like PCBs ¹ – TEQ ²	Max. 3 pg/g	Passed	External Laboratory*

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

*See attached Analytical Report(s).

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Ingredients	Manufacturing Specification (1 soft gel)	Results	Method
Concentrated Omega-3 Marine Oil with Natural Lemon/Lime Flavor and Proprietary Antioxidant Blend ³	735 mg +/- 5%	707.26 mg	Input
EPA (as EE) ⁴	215 mg	231 mg	Ph.Eur.2.4.29/GOED
DHA (as EE) ⁴	155 mg	177 mg	Ph.Eur.2.4.29/GOED
Other Omega-3 (as EE) ⁴	Report	75 mg	Ph.Eur.2.4.29/GOED
Additional Omega-3 ⁵ (as EE) ⁴	80 mg	113 mg	Ph.Eur.2.4.29/GOED
Total Omega-3s (as EE) ⁴	450 mg	483 mg	Ph.Eur.2.4.29/GOED
Vitamin D3 (as cholecalciferol)	500 IU	675 IU	Input
Co-Q10	25 mg	26.5 mg	Input
Vegapure® Phytosterol Complex	410 mg	410 mg	Input
Phytosterols	400 mg	435 mg	Input
Other Ingredients	Beeswax, Soy Lecithin (soy)	Conforms	Input
Shell Ingredients	Gelatin, Glycerin, Purified Water, Titanium dioxide, Caramel	Conforms	Input
Shell Hardness	Regular	Conforms	Input
Flavor Coating	LemonLock™	Yes	Input

¹Analysis performed on fish oil before the addition of other ingredients. ²Toxicity Equivalents according to WHO.

³**Additives:** A proprietary natural antioxidant blend (Natural Tocopherols, Rosemary Extract, and Ascorbyl Palmitate) and a proprietary natural lemon/lime flavoring have been added.

⁴Measured as Ethyl Ester. Any third party test result must be based on a laboratory using the CRN/GOED or European Pharmacopeia method, non-modified. Analytical Results using AOAC, AOCS, USP or other methods, will not be recognized in a possible conflict of results. Results based on input, using values calculated from assay of the raw materials by the methods indicated.

⁵Additional Omega-3s include EPA and DHA above minimum specification as well as Other Omega-3s from line above.

⁶Elevated result due to matrix interference by CoQ10 on the analytical test.

Ingredients: Highly Refined and Concentrated Omega-3 Fish Oil, Phytosterol Complex (Beta-Sitosterol, Campesterol, Stigmasterol and other sterols), Gelatin, Glycerin, Purified Water, Beeswax, Coenzyme Q10, Lecithin (soy), Natural Lemon/Lime Flavor, Titanium dioxide (natural color), Caramel (natural color), Cholecalciferol, Rosemary Extract, Ascorbyl Palmitate and Natural Tocopherols (soy).



Caroline Lease, Quality
June 16, 2016