

## Certificate of Analysis

**PRODUCT:** Kid's Omega-3 Fish Oil –150 ct  
**PRODUCT DESCRIPTION:** BioMarine™ High DHA - Fish Oil MOST Quality  
 with Vitamin D-3 and Natural Orange/Berry Flavor  
**PRODUCT NO.:** MNSG-294  
**BATCH NO.:** SB007909 (50801302, 50231302)  
**LABEL LOT NO.:** 79092 03/2019  
**DATE OF MANUFACTURE DATE:** March 2016  
**BEST BEFORE/RETEST BY:** March 2019\*

General	Manufacturing Specification	Results	Method
Pharmaceutical Form	Clear soft gelatin capsules containing a light golden oil	Conforms	Observation
Capsule size and shape	5 round clear	Conforms	Observation
Average Fill Weight	307 mg +/- 5%	313 mg	USP<2091>
Disintegration/Rupture Time	Max. 15 minutes	2 min.	USP<2040>
Acid Value <sup>1</sup>	Max. 3 mg KOH/g	0.1 mg KOH/g	Ph.Eur.2.5.1
Peroxide Value <sup>1</sup>	Max. 5.0 meq/kg	0.5 meq/kg	Ph.Eur.2.5.5
Peroxide Value Finished Softgels <sup>5</sup>	Max. 10 meq/kg	3.8 meq/kg	USP<401>
Anisidine Value <sup>1</sup>	Max. 20 meq/kg	14	Ph.Eur.2.5.36
Lead <sup>1</sup>	Max. 0.1 mg/kg	Passed	External Laboratory
Cadmium <sup>1</sup>	Max. 0.1 mg/kg	Passed	External Laboratory
Arsenic (inorganic) <sup>1</sup>	Max. 0.1 mg/kg	Passed	External Laboratory
Mercury <sup>1</sup>	Max. 0.1 mg/kg	Passed	External Laboratory
PCBs 2(209 Cogeners) <sup>1</sup>	Max. 0.09 mg/kg	Passed	External Laboratory
Sum of Dioxins & Furans (17) <sup>1</sup> -TEQ <sup>2</sup>	Max 1.75 pg/g	Passed	External Laboratory
Sum of Dioxins & Furans and Dioxin-like PCBs <sup>1</sup> -TEQ <sup>2</sup>	Max. 3 pg/g	Passed	External Laboratory

\*Based on stability study.

Microbiological Standard	Manufacturing Specification	Results	Method
Total Plate Count	Max. 3,000 CFU/g	<100 CFU/g	USP<2021>
Total Mold & Yeast Count	Max. 300 CFU/g	<100 CFU/g	USP<2021>
<i>Salmonella</i>	Negative/10g	Negative/10g	USP<2021>
<i>Escherichia coli</i>	Negative/10g	Negative/10g	USP<2022>
<i>Staphylococcus aureus</i>	Negative/10g	Negative/10g	USP<2022>

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Ingredients	Manufacturing Specification (5 softgels)	Results	Method
BioMarine High DHA Fish Oil MOST w/ Natural Orange/Berry Flavor and Proprietary Antioxidant Blend <sup>3</sup>	1535 mg	1565 mg	Input
Total Omega-3 (as TG) <sup>4</sup>	415 mg	535 mg	AOCS/GOED
EPA (as TG) <sup>4</sup>	130 mg	185 mg	AOCS/GOED
DHA (as TG) <sup>4</sup>	230 mg	280 mg	AOCS/GOED
Other Omega-3 (as TG) <sup>4</sup>	Report	70 mg	AOCS/GOED
Additional Omega-3 <sup>5</sup> (as TG) <sup>4</sup>	50 mg	175 mg	AOCS/GOED
Vitamin D (as D <sub>3</sub> Cholecalciferol)	1000 IU	1350 IU	Input
Flavor coating	Orange/Berry	Conforms	Input

<sup>1</sup>Analysis performed on oil before the addition of other ingredients.

<sup>2</sup>Toxicity Equivalents according to WHO.

<sup>3</sup>**Additives:** A proprietary natural antioxidant blend (Natural Tocopherols, Rosemary Extract, and Ascorbyl Palmitate) and a proprietary natural orange/berry flavoring have been added.

<sup>4</sup>Measured as Triglyceride. 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.

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

Shell ingredients: Gelatin, glycerin, purified water.

Allergen: This oil contains fish mainly from anchovy (*Engraulidae*) and sardine (*Clupeidae*)..




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Caroline Lease, Quality  
March 21, 2017