

Eurofins Analytical Laboratories Inc. 2219 Lakeshore Drive New Orleans, LA 70122 www.centralanalytical.com Tel.+1 504 297 3400 Fax:+1 504 297 3410

Person in charge Client Support John M. Reuther Rebekah Steadman

AKER BIOMARINE MANUFACTURING LLC ATTN: MANUEL TREVINO 4494 CAMPBELL ROAD HOUSTON, TX 77041

Reporting Date 03/04/2016



AR-16-QA-010882-01

REPORT OF ANALYSIS

Sample Code 468-2016-0301B145

Sample Description SUPERBA BOOST KRILL OIL **Client Sample Code** BATCH: G057/002/A16

Sample Reference TA000002

Reception Date 03/01/2016
Reception Temperature 25 (Celsius)
Sample Condition Acceptable
Purchase Order MAG16AG00299

Test Results Result

QA00I - Acid Value

Completion Date: 03/02/2016 Method: AOCS Cd 3d-63

Free fatty acids (as oleic acid) 9.25 %

Acid value (mg KOH/g) 18.40 mg KOH/g

QA20F - Peroxide Value (Mod. AOCS method)

Completion Date: 03/02/2016 Method: AOCS Cd 8-53

Peroxide value <0.10 meg/kg

QA858 - Saponification Value

Completion Date: 03/02/2016 Method: AOCS Cd 3-25

Saponification value 191.7 mg KOH/g

QA20M - Astaxanthin Content (Krill Oil, FCC)

Completion Date: 03/02/2016 Method: FCC Monograph

Astaxanthin 9.9 mg/100 g

QA0JL - Astaxanthin Esters (Krill Oil, Naturex Method)

Completion Date: 03/04/2016 Method: Naturex Method CQ-MO-430

Astaxanthin esters 147 meq/g

A2LA ISO/IEC 17025:2005

Best Aquaculture Practices
Food and Drug Administration

American Oil Chemists Society
Grain and Feed Trade Association
Federation of Oils, Seed, and Fats Associations, Ltd.

Japanese Ministry of Health and Welfare Association of Official Analytical Chemists United States Department of Agriculture



Eurofins Analytical Laboratories Inc. 2219 Lakeshore Drive New Orleans, LA 70122 www.centralanalytical.com Tel.+1 504 297 3400 Fax:+1 504 297 3410

Eurofins Sample Code: 468-2016-0301B145 Client Sample Code: BATCH: G057/002/A16

REPORT OF ANALYSIS

AR-16-QA-010882-01

Test Results Result

Astaxanthin esters 86.6 ppm Free Astaxanthin <15 meg/g Free Astaxanthin <15 ppm

QA854 - Salt (from Chloride)

Method: AOAC 937.09 Completion Date: 03/04/2016

Salt 0.68 %

QQ167 - Water Activity

Completion Date: 03/03/2016 **Method:** Instrument instructions

Water Activity at 25°C 0.152

Respectfully Submitted, **Eurofins Central Analytical Laboratories** Results shown in this report relate solely to the item submitted for analysis. Uncertainty can be obtained upon request.

Cheryl D. Stephenson, Ph.D., Laboratory Director

Analytical report: AR-16-QA-010882-01