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CERTIFICATE OF ANALYSIS

DHAlicious, Lot#11281

Date received: 14/07/2016

NDI#: 14102016

Analysis for:

Source-Omega LLC

Attention: Scott Doughman

11312 US 15-501 North, Suite 107-122

Chapel Hill, NC 27517

919 360-5275

Date: 28/07/2016

SOURCE-OMEGA

A handwritten signature in black ink that reads "M Wlodek".

Martha Wlodek, A.C.T., B.A., B.Ed.

Director, Product Analytics

Dated: 28/07/2016

A handwritten signature in black ink that reads "Kevin Yan".

Kevin Yan, M.Sc.

Manager, Sample Processing

Dated: 28/07/2016

Essential Fatty Acid Profile

Fatty Acid as TG		mg per 1 mL	%
C4:0	Butyric Acid	0.00	0.0
C6:0	Caproic Acid	0.00	0.0
C8:0	Caprylic Acid	0.00	0.0
C10:0	Capric Acid	0.00	0.0
C12:0	Lauric Acid	0.00	0.0
C14:0	Myristic Acid	12.97	1.4
C14:1	Myristolic Acid	0.47	0.1
C15:0	Pentadecanoic Acid	2.17	0.2
C16:0	Palmitic Acid	140.07	15.3
C16:1	Palmitoleic Acid	2.79	0.3
C18:0	Stearic Acid	17.47	1.9
C18:1	Oleic Acid	245.85	26.8
C18:2N6	Linoleic Acid	25.77	2.8
C18:3N6	Gamma-linolenic Acid	0.81	0.1
C18:3N3	Alpha-linolenic Acid	2.21	0.2
C18:4N3	Stearidonic Acid	1.97	0.2
C20:0	Arachidic Acid	3.12	0.3
C20:1	Eicosenoic Acid	1.22	0.1
C20:2N6	Eicosadienoic Acid	0.00	0.0
C20:3N6	Dihomo-gamma-linolenic Acid	8.46	0.9
C20:4N6	Arachidonic Acid	1.42	0.2
C20:3N3	Eicosatrienoic Acid	1.41	0.2
C20:4N3	Eicosatetraenoic Acid	5.47	0.6
C20:5N3 (EPA)	Eicosapentaenoic Acid	5.51	0.6
C22:0	Behenic Acid	4.41	0.5
C22:1	Cetoleic Acid	0.00	0.0
C22:2N6	Docosadienoic Acid	0.00	0.0
C22:4N6	Adrenic Acid	0.00	0.0
C22:5N6	Docosapentaenoic Acid (n-6)	65.84	7.2
C22:5N3	Docosapentaenoic Acid (n-3)	0.81	0.1
C22:6N3 (DHA)	Docosahexaenoic Acid	366.21	39.9
C24:0	Lignoceric Acid	0.00	0.0
C24:1	Nervonic Acid	0.80	0.1
Total Fatty Acids		917.26	100.0

Saturated	180.22	19.6
Monounsaturated	251.14	27.4
Polyunsaturated	485.91	53.0

Omega-3	383.60	41.8
Omega-6	102.31	11.2

Modified AOCS Official Method Ce 1b-89

Heavy Metals

Component	Analytical Method	Specification	Result	Units	Meets Specification
Total Arsenic	USEPA 3051, 200.7, 200.8	< 0.1	< 0.05	ppm	Yes
Cadmium	USEPA 3051, 200.7, 200.8	< 0.1	< 0.01	ppm	Yes
Lead	USEPA 3051, 200.7, 200.8	< 0.1	< 0.02	ppm	Yes
Mercury	USEPA 245.6 (Cold Vapour AAS)	< 0.1	< 0.005	ppm	Yes

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Microbial Analysis

Component	Analytical Method	Specification	Result	Units	Meets Specification
Total Aerobic Plate Count	Modified USP <2021/2022>	<100,000	<10	cfu/gram	Yes
Yeast and Mould	Modified USP <2021/2022>	<10,000	<10	cfu/gram	Yes
E.coli	Modified USP <2021/2022>	Negative	Negative	Positive/Negative	Yes
Salmonella	Modified USP <2021/2022>	Negative	Negative	Positive/Negative	Yes
Staphylococcus aureus	Modified USP <2021/2022>	Negative	Negative	Positive/Negative	Yes
Pseudomonas aeruginosa	Modified USP <62>	Negative	Negative	Positive/Negative	Yes

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