



From nature to science... From science to you.

CERTIFICATE OF ANALYSIS

DHA Algae Oil, Lot#BY180608

Date received: 18/09/2018

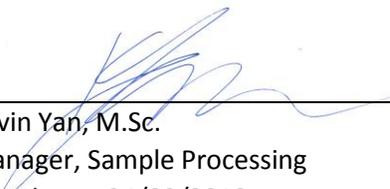
NDI#: 14982018

Analysis for:

Source-Omega LLC

Attention: Scott Doughman
11312 US 15-501 North, Suite 107-122
Chapel Hill, NC 27517
919 360-5275

Date: 24/09/2018



Kevin Yan, M.Sc.

Manager, Sample Processing

Dated: 24/09/2018

Oxidation Analysis

Component	Analytical Method	Specification	Result	Units	Meets Specification
Anisidine Value (AOCS)	AOCS Cd 18-90	≤ 20	3.69		Yes
Peroxide Value	AOCS Cd 8b-90	≤ 5	0.24	meq/kg	Yes
Total Oxidation	Calculation	< 26	4.17		Yes

Essential Fatty Acid Profile

Fatty Acid as TG		mg per g	%
C4:0	Butyric Acid	0.00	0.0
C6:0	Caproic Acid	0.00	0.0
C8:0	Caprylic Acid	0.60	0.1
C10:0	Capric Acid	1.66	0.2
C12:0	Lauric Acid	1.33	0.1
C14:0	Myristic Acid	17.99	2.0
C14:1	Myristolic Acid	1.19	0.1
C15:0	Pentadecanoic Acid	0.70	0.1
C16:0	Palmitic Acid	178.17	20.0
C16:1	Palmitoleic Acid	3.94	0.4
C18:0	Stearic Acid	10.24	1.2
C18:1	Oleic Acid	4.56	0.5
C18:2N6	Linoleic Acid	2.34	0.3
C18:3N6	Gamma-linolenic Acid	1.02	0.1
C18:3N3	Alpha-linolenic Acid	1.41	0.2
C18:4N3	Stearidonic Acid	2.63	0.3
C20:0	Arachidic Acid	2.24	0.3
C20:1	Eicosenoic Acid	0.00	0.0
C20:2N6	Eicosadienoic Acid	0.00	0.0
C20:3N6	Dihomo-gamma-linolenic Acid	11.65	1.3
C20:4N6	Arachidonic Acid	1.69	0.2
C20:3N3	Eicosatrienoic Acid	0.52	0.1
C20:4N3	Eicosatetraenoic Acid	7.61	0.9
C20:5N3 (EPA)	Eicosapentaenoic Acid	7.53	0.8
C22:0	Behenic Acid	1.31	0.1
C22:1	Cetoleic Acid	0.00	0.0
C22:2N6	Docosadienoic Acid	0.00	0.0
C22:4N6	Adrenic Acid	0.15	0.0
C22:5N6	Docosapentaenoic Acid (n-6)	99.39	11.2
C22:5N3	Docosapentaenoic Acid (n-3)	1.21	0.1
C22:6N3 (DHA)	Docosahexaenoic Acid	521.56	58.7
C24:0	Lignoceric Acid	0.41	0.0
C24:1	Nervonic Acid	5.76	0.6
Total Fatty Acids		888.81	100.0

Saturated	214.64	24.1
Monounsaturated	15.46	1.7
Polyunsaturated	658.71	74.1

Omega-3	542.47	61.0
Omega-6	116.23	13.1

Modified AOCS Official Method Ce 1b-89