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Certificate Number: TCHC218863-2 Final
Date Reported: 04/08/2015
Date Analysis Started: 14/07/2015
Order Number:

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC185162	Desc: P410 Omeg-3 EPA Fish Oil Capsules BN:6017 12M timepoint, 25°C/60%RH Date Received: 10/07/2014 Date Tested: 10/07/2015	AM/C/112	Peroxide Value	<0.5	mequiv / kg fat	
		SUB-CON	Anisidine Value	12	.	
		AM/C/107	FAME C6.0 Caproic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C8.0 Caprylic Acid (In Fat)	0.21	g / 100g	
		AM/C/107	FAME C10.0 Capric Acid (In Fat)	0.19	g / 100g	
		AM/C/107	FAME C12.0 Lauric Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C14.0 Myristic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C14.1 Myristoleic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C15.0 Pentadecanoic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C16.0 Palmitic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C16.1 Palmitoleic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C17.0 Heptadecanoic Acid (In Fat)	0.13	g / 100g	
		AM/C/107	FAME C17.1 Heptadecenoic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C18.0 Stearic Acid (In Fat)	0.04	g / 100g	
		AM/C/107	FAME C18.1 Oleic Acid (In Fat)	0.23	g / 100g	
		AM/C/107	FAME C18.2 Linoleic Acid (In Fat)	0.36	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 3) (In Fat)	0.18	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 6) (In Fat)	0.10	g / 100g	
		AM/C/107	FAME C18.4 Octadecatetraenoic Acid (In Fat)	1.17	g / 100g	
		AM/C/107	FAME C20.0 Arachidic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C20.1 Gadoleic Acid (In Fat)	0.40	g / 100g	
		AM/C/107	FAME C20.2 Eicosadienoic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 3) (In Fat)	0.05	g / 100g	
		AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 6) (In Fat)	0.37	g / 100g	
		AM/C/107	FAME C20.4 Arachidonic Acid (omega 3) (In Fat)	1.48	g / 100g	
		AM/C/107	FAME C20.4 Arachidonic Acid (omega 6) (In Fat)	4.14	g / 100g	
		AM/C/107	FAME C20.5 Eicosapentaenoic Acid (In Fat)	84.40	g / 100g	
		AM/C/107	FAME C22.0 Behenic Acid (In Fat)	0.38	g / 100g	
		AM/C/107	FAME C22.1 Cetoleic Acid (In Fat)	0.73	g / 100g	
		AM/C/107	FAME C22.4 Docosatetraenoic Acid (In Fat)	0.61	g / 100g	
		AM/C/107	FAME C22.5 Clupanodonic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C22.6 Docosahexaenoic Acid (In Fat)	0.26	g / 100g	
		AM/C/107	FAME C24.0 Lignoceric Acid (In Fat)	<0.01	g / 100g	
AM/C/107	Saturated Fatty Acids (in sample)	1.02	g / 100g			
AM/C/107	Monounsaturated Fatty Acids (in sample)	1.42	g / 100g			


Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC185162	Continued from Page 1	AM/C/107	Polyunsaturated Fatty Acids (in sample)	93.16	g / 100g	
		AM/C/107	Estimated Total Omega 3 (In Fat)	87.57	g / 100g	
		AM/C/107	Estimated Total Omega 3 (In Sample)	87569	mg / 100g	
		AM/C/107	FAME C15.1 Pentadecenoic Acid (In Fat)	<0.01	g / 100g	
CHC185173	Desc: P410 Omeg-3 EPA Fish Oil Capsules BN:6017 12M timepoint, 30°C/65%RH Date Received: 10/07/2014 Date Tested: 10/07/2015	AM/C/112	Peroxide Value	3	mequiv / kg fat	
		SUB-CON	Anisidine Value	12	.	
		AM/C/107	FAME C6.0 Caproic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C8.0 Caprylic Acid (In Fat)	0.24	g / 100g	
		AM/C/107	FAME C10.0 Capric Acid (In Fat)	0.22	g / 100g	
		AM/C/107	FAME C12.0 Lauric Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C14.0 Myristic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C14.1 Myristoleic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C15.0 Pentadecanoic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C16.0 Palmitic Acid (In Fat)	0.04	g / 100g	
		AM/C/107	FAME C16.1 Palmitoleic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C17.0 Heptadecanoic Acid (In Fat)	0.14	g / 100g	
		AM/C/107	FAME C17.1 Heptadecenoic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C18.0 Stearic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C18.1 Oleic Acid (In Fat)	0.21	g / 100g	
		AM/C/107	FAME C18.2 Linoleic Acid (In Fat)	0.36	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 3) (In Fat)	0.18	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 6) (In Fat)	0.10	g / 100g	
		AM/C/107	FAME C18.4 Octadecatetraenoic Acid (In Fat)	1.16	g / 100g	
		AM/C/107	FAME C20.0 Arachidic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C20.1 Gadoleic Acid (In Fat)	0.40	g / 100g	
		AM/C/107	FAME C20.2 Eicosadienoic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 3) (In Fat)	0.04	g / 100g	
		AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 6) (In Fat)	0.37	g / 100g	
		AM/C/107	FAME C20.4 Arachidonic Acid (omega 3) (In Fat)	1.51	g / 100g	
		AM/C/107	FAME C20.4 Arachidonic Acid (omega 6) (In Fat)	4.15	g / 100g	
		AM/C/107	FAME C20.5 Eicosapentaenoic Acid (In Fat)	84.38	g / 100g	
		AM/C/107	FAME C22.0 Behenic Acid (In Fat)	0.37	g / 100g	
		AM/C/107	FAME C22.1 Cetoleic Acid (In Fat)	0.67	g / 100g	
		AM/C/107	FAME C22.4 Docosatetraenoic Acid (In Fat)	0.64	g / 100g	
		AM/C/107	FAME C22.5 Clupanodonic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C22.6 Docosahexaenoic Acid (In Fat)	0.26	g / 100g	
		AM/C/107	FAME C24.0 Lignoceric Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	Saturated Fatty Acids (in sample)	1.06	g / 100g	
AM/C/107	Monounsaturated Fatty Acids (in sample)	1.35	g / 100g			
AM/C/107	Polyunsaturated Fatty Acids (in sample)	93.19	g / 100g			
AM/C/107	Estimated Total Omega 3 (In Fat)	87.56	g / 100g			
AM/C/107	Estimated Total Omega 3 (In Sample)	87557	mg / 100g			
AM/C/107	FAME C15.1 Pentadecenoic Acid (In Fat)	<0.01	g / 100g			

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The results for saturated, monounsaturated and polyunsaturated fatty acids in the sample use a 0.956 conversion factor for non fatty acid material in the fat.

The values above for the total monounsaturated fatty acids and total polyunsaturated fatty acids are inclusive of both cis and trans components.



Karl Larder

Section Head - Nutritional Chemistry

For and on Behalf of ALS Food and Pharmaceutical

Disclaimers:

The testing results in this certificate relate only to the samples described above.

Unless otherwise stated, all results are expressed on an as received basis.

Chemistry Samples will be retained for a period of 30 calendar days from the date reported unless otherwise agreed in writing with the Laboratory.