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Date Reported: 04/03/2014  
Date Analysis Started: 27/02/2014  
Order Number:

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC130232	Desc: Echiomega BN552.BB March 2015. Date Received: 15/02/2014	AM/C/112	Peroxide Value	14.7	mequiv / kg fat	
		AM/C/1015	Total Fat (NMR)	60.6	g / 100g	
		AM/C/107	FAME C6.0 Caproic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C8.0 Caprylic Acid (In Fat)	0.14	g / 100g	
		AM/C/107	FAME C10.0 Capric Acid (In Fat)	0.10	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)	0.03	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)	6.29	g / 100g	
		AM/C/107	FAME C16.1 Palmitoleic Acid (In Fat)	0.12	g / 100g	
		AM/C/107	FAME C17.0 Heptadecanoic Acid (In Fat)	0.10	g / 100g	
		AM/C/107	FAME C17.1 Heptadecenoic Acid (In Fat)	0.07	g / 100g	
		AM/C/107	FAME C18.0 Stearic Acid (In Fat)	3.28	g / 100g	
		AM/C/107	FAME C18.1 Oleic Acid (In Fat)	14.56	g / 100g	
		AM/C/107	FAME C18.2 Linoleic Acid (In Fat)	13.91	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 3) (In Fat)	30.62	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 6) (In Fat)	10.53	g / 100g	
		AM/C/107	FAME C18.4 Octadecatetraenoic Acid (In Fat)	13.49	g / 100g	
		AM/C/107	FAME C20.0 Arachidic Acid (In Fat)	0.13	g / 100g	
		AM/C/107	FAME C20.1 Gadoleic Acid (In Fat)	0.94	g / 100g	
		AM/C/107	FAME C20.2 Eicosadienoic Acid (In Fat)	0.07	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)	0.02	g / 100g	
		AM/C/107	FAME C20.4 Arachidonic Acid (omega 3) (In Fat)	0.01	g / 100g	
		AM/C/107	FAME C20.4 Arachidonic Acid (omega 6) (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C20.5 Eicosapentaenoic Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C22.0 Behenic Acid (In Fat)	0.05	g / 100g	
		AM/C/107	FAME C22.1 Cetoleic Acid (In Fat)	0.57	g / 100g	
		AM/C/107	FAME C22.4 Docosatetraenoic Acid (In Fat)	0.11	g / 100g	
		AM/C/107	FAME C22.5 Clupanodonic Acid (In Fat)	0.02	g / 100g	
		AM/C/107	FAME C22.6 Docosahexaenoic Acid (In Fat)	0.31	g / 100g	
		AM/C/107	FAME C24.0 Lignoceric Acid (In Fat)	0.04	g / 100g	
AM/C/107	Saturated Fatty Acids (in sample)	6.17	g / 100g			
AM/C/107	Monounsaturated Fatty Acids (in sample)	9.85	g / 100g			
AM/C/107	Polyunsaturated Fatty Acids (in sample)	41.91	g / 100g			

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC130232	Continued from Page 1	AM/C/107	Estimated Total Omega3 (In Fat)	44.50	g / 100g	
		AM/C/107	Estimated Total Omega 3 (In Sample)	26965	mg / 100g	
		AM/C/107	FAME C15.1 Pentadecenoic Acid (In Fat)	<0.01	g / 100g	

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

Team Leader - 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.