



# TEST CERTIFICATE

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**The Directors**  
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**Certificate Number:** TCHC897769-1 Final  
**Date Reported:** 22/07/2019  
**Date Analysis Started:** 26/06/2019  
**Order Number:**

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC1171388	Desc: Olive Oil Date Sampled: 25/6/19 Date Received: 26/06/2019 Date Tested: 26/06/2019	AM/C/108	FFA (as % Oleic Acid in Fat)	0.76	.	
		AM/C/112	Peroxide Value	43.2	mequiv / kg fat	
		AM/C/1015	Total Fat (NMR)	99.2	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)	<0.01	g / 100g	
		AM/C/107	FAME C10.0 Capric Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	FAME C12.0 Lauric Acid (In Fat)	0.02	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)	11.73	g / 100g	
		AM/C/107	FAME C16.1 Palmitoleic Acid (In Fat)	0.77	g / 100g	
		AM/C/107	FAME C17.0 Heptadecanoic Acid (In Fat)	0.05	g / 100g	
		AM/C/107	FAME C17.1 Heptadecenoic Acid (In Fat)	0.09	g / 100g	
		AM/C/107	FAME C18.0 Stearic Acid (In Fat)	1.86	g / 100g	
		AM/C/107	FAME C18.1 Oleic Acid (In Fat)	73.70	g / 100g	
		AM/C/107	FAME C18.2 Linoleic Acid (In Fat)	5.51	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 3) (In Fat)	0.64	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 6) (In Fat)	0.01	g / 100g	
		AM/C/107	FAME C18.4 Octadecatetraenoic Acid (In Fat)	0.02	g / 100g	
		AM/C/107	FAME C20.0 Arachidic Acid (In Fat)	0.35	g / 100g	
		AM/C/107	FAME C20.1 Gadoleic Acid (In Fat)	0.37	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)	<0.01	g / 100g	
		AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 6) (In Fat)	0.02	g / 100g	
		AM/C/107	FAME C20.4 Eicosatetraenoic Acid (omega 3) (In Fat)	0.02	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)	0.11	g / 100g	
		AM/C/107	FAME C22.1 Cetoleic Acid (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C22.4 Docosatetraenoic Acid (In Fat)	0.05	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)	0.13	g / 100g	
AM/C/107	FAME C24.0 Lignoceric Acid (In Fat)	0.06	g / 100g			



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Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC1171388	Continued from Page 1	AM/C/107	Saturated Fatty Acids (in sample)	14.07	g / 100g	
		AM/C/107	Monounsaturated Fatty Acids (in sample)	74.38	g / 100g	
		AM/C/107	Polyunsaturated Fatty Acids (in sample)	6.38	g / 100g	
		AM/C/107	Estimated Total Omega 3 (in fat)	0.82	g / 100g	
		AM/C/107	Estimated Total Omega 3 (in sample)	815	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.

Phillip Krone

Chemistry Service Co-ordinator

For and on Behalf of ALS Laboratories (UK) Limited

#### **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.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Chemistry Samples will be retained for a period of 14 calendar days from the date reported unless otherwise agreed in writing with the Laboratory.



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