



# TEST CERTIFICATE

Medcalfe Way Bridge Street Chatteris Cambridgeshire PE16 6QZ England  
Telephone: 01354 695858

Page 1 of 4

Simply Native Ltd  
Simply Native Ltd  
Bowland Wild Boar Park  
Leagram  
Preston, Lancashire  
PR3 2QT

Certificate Number: TCHC1176621-1 Final  
Date Reported: 09/02/2021  
Date Analysis Started: 21/01/2021  
Order Number:

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC1500711	Desc: Meadow Lamb. Date Sampled: 19/1. Date Received: 20/01/2021 Date Tested: 21/01/2021	AM/C/224	Protein (Nx6.25)	19.0	g / 100g	
		AM/C/1015	Total Fat (NMR)	26.4	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)	0.20	g / 100g	
		AM/C/107	FAME C12.0 Lauric Acid (In Fat)	0.35	g / 100g	
		AM/C/107	FAME C14.0 Myristic Acid (In Fat)	3.98	g / 100g	
		AM/C/107	FAME C14.1 Myristoleic Acid (In Fat)	0.82	g / 100g	
		AM/C/107	FAME C15.0 Pentadecanoic Acid (In Fat)	0.86	g / 100g	
		AM/C/107	FAME C16.0 Palmitic Acid (In Fat)	19.78	g / 100g	
		AM/C/107	FAME C16.1 Palmitoleic Acid (In Fat)	3.02	g / 100g	
		AM/C/107	FAME C17.0 Heptadecanoic Acid (In Fat)	1.32	g / 100g	
		AM/C/107	FAME C17.1 Heptadecenoic Acid (In Fat)	1.03	g / 100g	
		AM/C/107	FAME C18.0 Stearic Acid (In Fat)	21.01	g / 100g	
		AM/C/107	FAME C18.1 Oleic Acid (In Fat)	35.11	g / 100g	
		AM/C/107	FAME C18.2 Linoleic Acid (In Fat)	2.31	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 3) (In Fat)	1.21	g / 100g	
		AM/C/107	FAME C18.3 Linolenic Acid (omega 6) (In Fat)	0.90	g / 100g	
		AM/C/107	FAME C18.4 Octadecatetraenoic Acid (In Fat)	1.48	g / 100g	
		AM/C/107	FAME C20.0 Arachidic Acid (In Fat)	0.17	g / 100g	
		AM/C/107	FAME C20.1 Gadoleic Acid (In Fat)	0.63	g / 100g	
		AM/C/107	FAME C20.2 Eicosadienoic Acid (In Fat)	0.09	g / 100g	
		AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 3) (In Fat)	0.02	g / 100g	
		AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 6) (In Fat)	0.05	g / 100g	
		AM/C/107	FAME C20.4 Eicosatetraenoic Acid (omega 3) (In Fat)	0.04	g / 100g	
		AM/C/107	FAME C20.4 Arachidonic Acid (omega 6) (In Fat)	0.14	g / 100g	
		AM/C/107	FAME C20.5 Eicosapentaenoic Acid (In Fat)	0.13	g / 100g	
		AM/C/107	FAME C22.0 Behenic Acid (In Fat)	0.04	g / 100g	
		AM/C/107	FAME C22.1 Cetoleic Acid (In Fat)	0.11	g / 100g	
		AM/C/107	FAME C22.4 Docosatetraenoic Acid (In Fat)	0.15	g / 100g	
		AM/C/107	FAME C22.5 Clupanodonic Acid (In Fat)	0.19	g / 100g	
		AM/C/107	FAME C22.6 Docosahexaenoic Acid (In Fat)	0.06	g / 100g	
		AM/C/107	FAME C24.0 Lignoceric Acid (In Fat)	<0.01	g / 100g	
AM/C/107	Saturated Fatty Acids (in sample)	12.60	g / 100g			



Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag		
CHC1500711	Continued from Page 1	AM/C/107	Monounsaturated Fatty Acids (in sample)	10.85	g / 100g			
		AM/C/107	Polyunsaturated Fatty Acids (in sample)	1.79	g / 100g			
		AM/C/107	Estimated Total Omega 3 (in fat)	3.14	g / 100g			
		AM/C/107	Estimated Total Omega 3 (in sample)	828	mg / 100g			
		AM/C/107	FAME C15.1 Pentadecenoic Acid (In Fat)	0.37	g / 100g			
		CALC	Estimated Total Omega 6 in fat)	3.54	g / 100g	*		
		CALC	Estimated Total Omega 6 (in sample)	936	mg / 100g	*		
		AM/V/206	Aspartic Acid (Total)	1.67	g / 100g			
		AM/V/206	Serine (Total)	0.73	g / 100g			
		AM/V/206	Glutamic Acid (Total)	2.60	g / 100g			
		AM/V/206	Glycine (Total)	1.28	g / 100g			
		AM/V/206	Histidine (Total)	0.45	g / 100g			
		AM/V/206	Arginine (Total)	1.12	g / 100g			
		AM/V/206	Threonine (Total)	0.69	g / 100g			
		AM/V/206	Alanine (Total)	1.27	g / 100g			
		AM/V/206	Proline (Total)	1.03	g / 100g			
		AM/V/206	Cystine (Total)	0.16	g / 100g			
		AM/V/206	Tyrosine (Total)	0.55	g / 100g			
		AM/V/206	Valine (Total)	0.68	g / 100g			
		AM/V/206	Methionine (Total)	0.35	g / 100g			
		AM/V/206	Lysine (Total)	1.58	g / 100g			
		AM/V/206	Iso-Leucine (Total)	0.51	g / 100g			
		AM/V/206	Leucine (Total)	1.20	g / 100g			
		AM/V/206	Phenylalanine (Total)	0.62	g / 100g			
		CHC1500712	Desc: Meadow Beef. Date Sampled: 19/1. Date Received: 20/01/2021 Date Tested: 21/01/2021	AM/C/224	Protein (Nx6.25)	19.5	g / 100g	
				AM/C/1015	Total Fat (NMR)	13.1	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)			0.04	g / 100g			
AM/C/107	FAME C12.0 Lauric Acid (In Fat)			0.07	g / 100g			
AM/C/107	FAME C14.0 Myristic Acid (In Fat)			2.72	g / 100g			
AM/C/107	FAME C14.1 Myristoleic Acid (In Fat)			0.90	g / 100g			
AM/C/107	FAME C15.0 Pentadecanoic Acid (In Fat)			0.50	g / 100g			
AM/C/107	FAME C16.0 Palmitic Acid (In Fat)			22.27	g / 100g			
AM/C/107	FAME C16.1 Palmitoleic Acid (In Fat)			4.59	g / 100g			
AM/C/107	FAME C17.0 Heptadecanoic Acid (In Fat)			1.07	g / 100g			
AM/C/107	FAME C17.1 Heptadecenoic Acid (In Fat)			1.28	g / 100g			
AM/C/107	FAME C18.0 Stearic Acid (In Fat)			16.30	g / 100g			
AM/C/107	FAME C18.1 Oleic Acid (In Fat)			39.20	g / 100g			
AM/C/107	FAME C18.2 Linoleic Acid (In Fat)			1.79	g / 100g			
AM/C/107	FAME C18.3 Linolenic Acid (omega 3) (In Fat)			0.91	g / 100g			
AM/C/107	FAME C18.3 Linolenic Acid (omega 6) (In Fat)			0.53	g / 100g			
AM/C/107	FAME C18.4 Octadecatetraenoic Acid (In Fat)			0.74	g / 100g			
AM/C/107	FAME C20.0 Arachidic Acid (In Fat)			0.24	g / 100g			
AM/C/107	FAME C20.1 Gadoleic Acid (In Fat)			0.39	g / 100g			
AM/C/107	FAME C20.2 Eicosadienoic Acid (In Fat)			0.09	g / 100g			



Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC1500712	Continued from Page 2	AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 3) (In Fat)	0.03	g / 100g	
		AM/C/107	FAME C20.3 Eicosatrienoic Acid (omega 6) (In Fat)	0.11	g / 100g	
		AM/C/107	FAME C20.4 Eicosatetraenoic Acid (omega 3) (In Fat)	0.13	g / 100g	
		AM/C/107	FAME C20.4 Arachidonic Acid (omega 6) (In Fat)	0.25	g / 100g	
		AM/C/107	FAME C20.5 Eicosapentaenoic Acid (In Fat)	0.18	g / 100g	
		AM/C/107	FAME C22.0 Behenic Acid (In Fat)	0.04	g / 100g	
		AM/C/107	FAME C22.1 Cetoleic Acid (In Fat)	0.15	g / 100g	
		AM/C/107	FAME C22.4 Docosatetraenoic Acid (In Fat)	0.15	g / 100g	
		AM/C/107	FAME C22.5 Clupanodonic Acid (In Fat)	0.37	g / 100g	
		AM/C/107	FAME C22.6 Docosahexaenoic Acid (In Fat)	0.06	g / 100g	
		AM/C/107	FAME C24.0 Lignoceric Acid (In Fat)	<0.01	g / 100g	
		AM/C/107	Saturated Fatty Acids (in sample)	5.67	g / 100g	
		AM/C/107	Monounsaturated Fatty Acids (in sample)	6.15	g / 100g	
		AM/C/107	Polyunsaturated Fatty Acids (in sample)	0.70	g / 100g	
		AM/C/107	Estimated Total Omega 3 (in fat)	2.43	g / 100g	
		AM/C/107	Estimated Total Omega 3 (in sample)	318	mg / 100g	
		AM/C/107	FAME C15.1 Pentadecenoic Acid (In Fat)	0.47	g / 100g	
		CALC	Estimated Total Omega 6 in fat)	2.84	g / 100g	*
		CALC	Estimated Total Omega 6 (in sample)	371	mg / 100g	*
		AM/V/206	Aspartic Acid (Total)	1.87	g / 100g	
		AM/V/206	Serine (Total)	0.82	g / 100g	
		AM/V/206	Glutamic Acid (Total)	3.02	g / 100g	
		AM/V/206	Glycine (Total)	1.32	g / 100g	
		AM/V/206	Histidine (Total)	0.59	g / 100g	
		AM/V/206	Arginine (Total)	1.26	g / 100g	
		AM/V/206	Threonine (Total)	0.78	g / 100g	
		AM/V/206	Alanine (Total)	1.30	g / 100g	
		AM/V/206	Proline (Total)	1.05	g / 100g	
		AM/V/206	Cystine (Total)	0.17	g / 100g	
		AM/V/206	Tyrosine (Total)	0.59	g / 100g	
		AM/V/206	Valine (Total)	0.73	g / 100g	
		AM/V/206	Methionine (Total)	0.42	g / 100g	
		AM/V/206	Lysine (Total)	1.85	g / 100g	
		AM/V/206	Iso-Leucine (Total)	0.61	g / 100g	
		AM/V/206	Leucine (Total)	1.33	g / 100g	
		AM/V/206	Phenylalanine (Total)	0.68	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.

The above Arginine result should be considered as approximation if the amino acid Taurine is present within this sample. Taurine can be analysed by ALS using a separate method.

Amino acids results are reported on an as calculated basis without any correction factors applied for differences in hydrolysis rates based on individual amino acids.

Certificate approved and electronically signed on 09/02/21 12:50

By Juan Oliva, Lab Manager

For and on Behalf of ALS Laboratories (UK) Limited



Certificate Number: TCHC1176621-1 Final

Page 4 of 4

**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.

Statement of conformity made against the result does not take into account the uncertainty of measurement associated to the method.

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

\*\*\* Indicates a test which is not included in the UKAS accreditation schedule of this laboratory.

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

