

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

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**Mr Matthew Warr**  
**The Hut Group**  
**Unit 10**  
**Stretton Distribution Centre**  
**Grapehall Lane**  
**Appleton**  
**Warrington, Cheshire**  
**WA4 4QT**

**Certificate Number:** TCHC361790-1 Final  
**Date Reported:** 06/10/2016  
**Date Analysis Started:** 03/10/2016  
**Order Number:** T.B.C

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CHC517215	Description: THG BCAA 2.1.1 20150944 Received Date: 03/10/2016 Order No: T.B.C	AM/C/1015	Moisture (Loss on Drying)	0.1	g / 100g	
		AM/C/224	Protein (Nx6.25)	68.4	g / 100g	
		AM/C/1015	Total Fat (NMR)	0.2	g / 100g	
		AM/C/803	Ash	0.1	g / 100g	
		AM/C/901	Total Carbohydrate (by difference)	31.2	g / 100g	
		AM/C/901	Energy	400	kcal / 100g	
		AM/C/901	Energy	1701	kJ / 100g	
		AM/V/206	Aspartic Acid (Free)	<0.200	g / 100g	*
		AM/V/206	Serine (Free)	<0.200	g / 100g	*
		AM/V/206	Glutamic Acid (Free)	<0.200	g / 100g	*
		AM/V/206	Glycine (Free)	<0.200	g / 100g	*
		AM/V/206	Histidine (Free)	<0.200	g / 100g	*
		AM/V/206	Arginine (Free)	<0.200	g / 100g	*
		AM/V/206	Threonine (Free)	<0.200	g / 100g	*
		AM/V/206	Alanine (Free)	0.600	g / 100g	*
		AM/V/206	Proline (Free)	<0.200	g / 100g	*
		AM/V/206	Cystine (Free)	<0.200	g / 100g	*
		AM/V/206	Tyrosine (Free)	<0.200	g / 100g	*
		AM/V/206	Valine (Free)	25.4	g / 100g	*
		AM/V/206	Methionine (Free)	<0.200	g / 100g	*
		AM/V/206	Lysine (Free)	<0.200	g / 100g	*
		AM/V/206	Iso-Leucine (Free)	23.5	g / 100g	*
		AM/V/206	Leucine (Free)	47.2	g / 100g	*
AM/V/206	Phenylalanine (Free)	0.369	g / 100g	*		

Due to potential co-elution of one or more amino acids, the above results for Histidine, Arginine and Serine should be considered as approximations only.



Adam J. Green

Section Head - Vitamins and Additives

For and on Behalf of ALS Food and Pharmaceutical



Jay Bhatta

Section Head - Nutritional Chemistry

### 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.  
\*\*\* Indicates a test which is not included in the UKAS accreditation schedule of this laboratory.  
Chemistry Samples will be retained for a period of 30 calendar days from the date reported unless otherwise agreed in writing with the Laboratory.

