

September 11, 2015

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CERTIFICATE OF ANALYSIS

AR-15-KK-015049-01
 Batch #: EUCAPE-00072860

Sample Identification:

Sample #: 740-2015-00013713
 Description: Combat Protein Powder, Cinnamon Bun, Lot #99514 027 US, Serving = 1 Scoop (33.5g)
 Condition: Powder in a consumer labeled plastic container received at room temperature.
 Date Received: August 10, 2015

KK123: Special Analysis (HPLC)

Method Reference: Internal Method
 Completed: 09/11/2015

	Result	Theoretical Level
Total Protein Minus Free Amino Acid (Calculation)	24.64 g/Serving	

KK512: Glutamine, Free (HPLC) with OPA/Fmoc Derivatization

Method Reference: Internal Method
 Completed: 08/21/2015

	Result	Theoretical Level
Glutamine (Free)	97.4 mg/Serving	190 - 240 mg/serving

QD252: Protein - Combustion

Method Reference: AOAC 990.03; AOAC 992.15
 Completed: 08/18/2015

	Result	Theoretical Level
Protein	24.65 g/Serving	25 g/serving

QQ141: Tryptophan (AOAC, Most Matrices)

Method Reference: AOAC 988.15
 Completed: 08/18/2015

	Result	Theoretical Level
Tryptophan	505 mg/Serving	

QQ176: Amino Acids by AH (AOAC, Most Matrices)

Method Reference: AOAC 982.30 mod.

Completed: 08/18/2015

	Result	Theoretical Level
Aspartic Acid	3,045 mg/Serving	
Threonine	2,050 mg/Serving	
Serine	1,431 mg/Serving	
Glutamic Acid	4,809 mg/Serving	
Proline	1,652 mg/Serving	
Glycine	504 mg/Serving	
Alanine	1,398 mg/Serving	
Valine	1,681 mg/Serving	
Isoleucine	1,821 mg/Serving	
Leucine	2,813 mg/Serving	
Tyrosine	745 mg/Serving	
Phenylalanine	841 mg/Serving	
Total Lysine	2,488 mg/Serving	
Histidine	498 mg/Serving	
Arginine	669 mg/Serving	

QQ177: Cystine & Methionine (AOAC, Most Matrices)

Method Reference: AOAC 994.12 mod.

Completed: 08/18/2015


	Result	Theoretical Level
Cystine	563 mg/Serving	
Methionine	580 mg/Serving	

Results pertain only to the items tested.

All results are reported on an as-is basis unless otherwise stated.

Estimation of uncertainty of measurement is available upon request.

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