

December 15, 2014

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CERTIFICATE OF ANALYSIS

AR-14-KK-020802-01
 Batch #: EUCAPE-00063092

Sample Identification:

Sample #: 740-2014-00020467
 Description: Combat 100% Casein, Vanilla, Powder, Lot #160141CAV, Serving = 34g
 Condition: Off-white powder in a ziplock bag received at room temperature.
 Date Received: December 01, 2014

K0010: Creatine monohydrate and creatinine (HPLC)

Method Reference: Internal Method
Completed: 12/11/2014

	Result	Theoretical Level
Creatine	<0.01 g/Serving	

KK507: Amino Acid Profile, Free (HPLC) with OPA/Fmoc Derivatization

Method Reference: Internal Method
Completed: 12/15/2014

	Result	Theoretical Level
Alanine (Free)	<0.003 g/Serving	
Arginine (Free)	<0.003 g/Serving	
Aspartic acid (Free)	<0.003 g/Serving	
Cystine, free	<0.003 g/Serving	
Glutamic acid (Free)	<0.003 g/Serving	
Glycine (Free)	0.011 g/Serving	
Histidine (Free)	<0.003 g/Serving	
Isoleucine (Free)	<0.003 g/Serving	
Leucine (Free)	<0.003 g/Serving	
Methionine (Free)	<0.003 g/Serving	
Phenylalanine	<0.003 g/Serving	
Serine (Free)	<0.003 g/Serving	
Sum of free amino-acids	0.011 g/Serving	
Threonine (Free)	<0.003 g/Serving	
Tyrosine (Free)	<0.003 g/Serving	
Valine (Free)	<0.003 g/Serving	

QD252: Protein - Combustion

Method Reference: AOAC 990.03; AOAC 992.15
Completed: 12/15/2014

	Result	Theoretical Level
Total Protein Minus Free Amino Acids (Calculation)	27.28 g/Serving	
Protein	27.29 g/Serving	28 g/serving

QQ141: Tryptophan (AOAC, Most Matrices)

Method Reference: AOAC 988.15

Completed: 12/11/2014

	Result	Theoretical Level
Tryptophan	0.41 g/Serving	

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

Method Reference: AOAC 982.30 mod.

Completed: 12/11/2014

	Result	Theoretical Level
Aspartic Acid	2.10 g/Serving	
Threonine	1.27 g/Serving	
Serine	1.65 g/Serving	
Glutamic Acid	6.22 g/Serving	
Proline	3.03 g/Serving	
Glycine	0.52 g/Serving	
Alanine	0.90 g/Serving	
Valine	1.85 g/Serving	
Isoleucine	1.50 g/Serving	
Leucine	2.74 g/Serving	
Tyrosine	1.45 g/Serving	
Phenylalanine	1.41 g/Serving	
Total Lysine	2.41 g/Serving	
Histidine	0.80 g/Serving	
Arginine	1.01 g/Serving	

QQ177: Cystine & Methionine (AOAC, Most Matrices)

Method Reference: AOAC 994.12 mod.

Completed: 12/11/2014

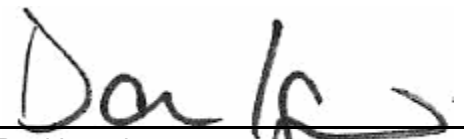
	Result	Theoretical Level
Cystine	0.17 g/Serving	
Methionine	0.80 g/Serving	

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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