

December 22, 2014

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CERTIFICATE OF ANALYSIS

AR-14-KK-021236-01

Batch #: EUCAPE-00063334

Sample Identification:

Sample #: 740-2014-00020796
 Description: Muscle Gel, Banana Cream, Lot #K005, Serving = 46g
 Condition: Gel in a heat sealed consumer labeled packet received at room temperature.
 Date Received: December 05, 2014

KK173: Creatine, Creatinine (HPLC)

Method Reference: Internal Method

Completed: 12/17/2014

	Result	Theoretical Level
Creatine	0.0605 g/Serving	0 g/serving

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

Method Reference: Internal Method

Completed: 12/22/2014

	Result	Theoretical Level
Alanine (Free)	0.022 g/Serving	
Arginine (Free)	<0.01 g/Serving	
Aspartic acid (Free)	<0.01 g/Serving	
Cystine, free	0.031 g/Serving	
Glutamic acid (Free)	<0.01 g/Serving	
Glycine (Free)	<0.01 g/Serving	
Histidine (Free)	<0.01 g/Serving	
Isoleucine (Free)	<0.01 g/Serving	
Leucine (Free)	<0.01 g/Serving	
Methionine (Free)	<0.01 g/Serving	
Phenylalanine	<0.01 g/Serving	
Serine (Free)	<0.01 g/Serving	
Sum of free amino-acids	0.092 g/Serving	
Threonine (Free)	<0.01 g/Serving	
Tyrosine (Free)	0.014 g/Serving	
Valine (Free)	<0.01 g/Serving	

QD252: Protein - Combustion

Method Reference: AOAC 990.03; AOAC 992.15

Completed: 12/22/2014

	Result	Theoretical Level
Total Protein Minus Free Amino Acids (Calculation)	22.02 g/Serving	
Protein	22.11 g/Serving	22 g/serving

QQ141: Tryptophan (AOAC, Most Matrices)

Method Reference: AOAC 988.15

Completed: 12/17/2014

	Result	Theoretical Level
Tryptophan	0.03 g/Serving	

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

Method Reference: AOAC 982.30 mod.

Completed: 12/17/2014

	Result	Theoretical Level
Aspartic Acid	1.36 g/Serving	
Threonine	0.51 g/Serving	
Serine	0.75 g/Serving	
Glutamic Acid	2.33 g/Serving	
Proline	3.01 g/Serving	
Glycine	4.68 g/Serving	
Alanine	1.96 g/Serving	
Valine	0.57 g/Serving	
Isoleucine	0.43 g/Serving	
Leucine	0.78 g/Serving	
Tyrosine	0.12 g/Serving	
Phenylalanine	0.44 g/Serving	
Total Lysine	0.96 g/Serving	
Histidine	0.15 g/Serving	
Arginine	1.48 g/Serving	

QQ177: Cystine & Methionine (AOAC, Most Matrices)

Method Reference: AOAC 994.12 mod.

Completed: 12/17/2014

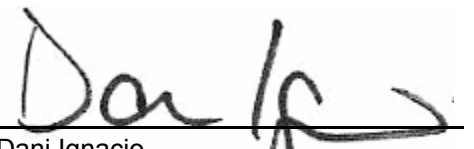
	Result	Theoretical Level
Cystine	0.04 g/Serving	
Methionine	0.21 g/Serving	

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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