

December 22, 2014

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CERTIFICATE OF ANALYSIS

AR-14-KK-021237-01

Batch #: EUCAPE-00063337

Sample Identification:

Sample #: 740-2014-00020800
 Description: Muscle Gel, Tropical Mango, Lot #K008, 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	0.0537 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)	0.028 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)	0.017 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	0.106 g/Serving	
Threonine (Free)	<0.01 g/Serving	
Tyrosine (Free)	0.016 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)	21.52 g/Serving	
Protein	21.63 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	1.34 g/Serving	
Threonine	0.51 g/Serving	
Serine	0.74 g/Serving	
Glutamic Acid	2.32 g/Serving	
Proline	3.02 g/Serving	
Glycine	4.61 g/Serving	
Alanine	1.97 g/Serving	
Valine	0.57 g/Serving	
Isoleucine	0.42 g/Serving	
Leucine	0.78 g/Serving	
Tyrosine	0.11 g/Serving	
Phenylalanine	0.43 g/Serving	
Total Lysine	0.95 g/Serving	
Histidine	0.15 g/Serving	
Arginine	1.43 g/Serving	

QQ177: Cystine & Methionine (AOAC, Most Matrices)

Method Reference: AOAC 994.12 mod.

Completed: 12/17/2014

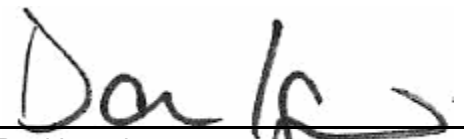
	Result	Theoretical Level
Cystine	0.02 g/Serving	
Methionine	0.05 g/Serving	

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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