

December 22, 2014

Nick Loveridge
 MusclePharm Corp.
 4721 Ironton Street Building A
 Denver, CO 80239

CERTIFICATE OF ANALYSIS

AR-14-KK-021239-01

Batch #: EUCAPE-00063341

Sample Identification:

Sample #: 740-2014-00020804
 Description: Muscle Gel, Banana Cream, Lot #K004, 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	0.0562 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)	0.0270 g/Serving	
Arginine (Free)	<0.010 g/Serving	
Aspartic acid (Free)	<0.010 g/Serving	
Cystine, free	<0.010 g/Serving	
Glutamic acid (Free)	<0.010 g/Serving	
Glycine (Free)	0.0130 g/Serving	
Histidine (Free)	<0.010 g/Serving	
Isoleucine (Free)	<0.010 g/Serving	
Leucine (Free)	<0.010 g/Serving	
Methionine (Free)	<0.010 g/Serving	
Phenylalanine	<0.010 g/Serving	
Serine (Free)	<0.010 g/Serving	
Sum of free amino-acids	0.0680 g/Serving	
Threonine (Free)	<0.010 g/Serving	
Tyrosine (Free)	0.0140 g/Serving	
Valine (Free)	<0.010 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)	21.85 g/Serving	
Protein	21.92 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	1.43 g/Serving	
Threonine	0.52 g/Serving	
Serine	0.76 g/Serving	
Glutamic Acid	2.39 g/Serving	
Proline	3.02 g/Serving	
Glycine	4.79 g/Serving	
Alanine	2.06 g/Serving	
Valine	0.58 g/Serving	
Isoleucine	0.43 g/Serving	
Leucine	0.80 g/Serving	
Tyrosine	0.12 g/Serving	
Phenylalanine	0.44 g/Serving	
Total Lysine	0.95 g/Serving	
Histidine	0.16 g/Serving	
Arginine	1.50 g/Serving	

QQ177: Cystine & Methionine (AOAC, Most Matrices)

Method Reference: AOAC 994.12 mod.

Completed: 12/17/2014

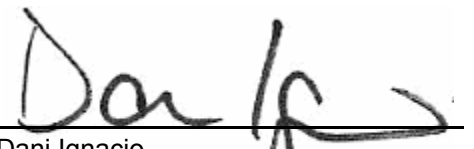
	Result	Theoretical Level
Cystine	0.04 g/Serving	
Methionine	0.21 g/Serving	

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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Dani Ignacio
QC Supervisor Analytical Lab