

December 10, 2014

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

CERTIFICATE OF ANALYSIS

AR-14-KK-020551-01

Batch #: EUCAPE-00062544

Sample Identification:

Sample #: 740-2014-00019740
 Description: Fitmiss Delight, Chocolate Delight, Powder, Lot #287042022, Serving = 24.7g
 Condition: Brown powder in a ziplock bag received at room temperature.
 Date Received: November 18, 2014

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

Method Reference: Internal Method

Completed: 11/25/2014

	Result	Theoretical Level
Alanine (Free)	<2 mg/Serving	
Arginine (Free)	<2 mg/Serving	
Aspartic acid (Free)	<2 mg/Serving	
Cystine, free	<2 mg/Serving	
Glutamic acid (Free)	12.2 mg/Serving	
Glycine (Free)	<2 mg/Serving	
Histidine (Free)	<2 mg/Serving	
Isoleucine (Free)	5.4 mg/Serving	2.375 - 3 mg/serving
Leucine (Free)	7.2 mg/Serving	4.75 - 6 mg/serving
Methionine (Free)	<2 mg/Serving	
Phenylalanine	<2 mg/Serving	
Serine (Free)	<2 mg/Serving	
Sum of free amino-acids	211 mg/Serving	
Threonine (Free)	<2 mg/Serving	
Tyrosine (Free)	<2 mg/Serving	
Valine (Free)	4.1 mg/Serving	2.375 - 3 mg/serving

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

Method Reference: Internal Method

Completed: 12/10/2014

	Result	Theoretical Level
Glutamine (Free)	183 mg/Serving	190 - 240 mg/serving

QD252: Protein - Combustion

Method Reference: AOAC 990.03; AOAC 992.15

Completed: 12/03/2014

	Result	Theoretical Level
Total Protein Minus Free Amino Acids (Calculation)	16.09 g/Serving	
Protein	16.30 g/Serving	16 g/serving

QQ141: Tryptophan (AOAC, Most Matrices)

Method Reference: AOAC 988.15

Completed: 12/03/2014

	Result	Theoretical Level
Tryptophan	369 mg/Serving	

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

Method Reference: AOAC 982.30 mod.

Completed: 12/03/2014

	Result	Theoretical Level
Aspartic Acid	1,938 mg/Serving	
Threonine	1,400 mg/Serving	
Serine	998 mg/Serving	
Glutamic Acid	3,267 mg/Serving	
Proline	1,068 mg/Serving	
Glycine	349 mg/Serving	
Alanine	884 mg/Serving	
Valine	1,032 mg/Serving	
Isoleucine	1,099 mg/Serving	
Leucine	1,868 mg/Serving	
Tyrosine	490 mg/Serving	
Phenylalanine	580 mg/Serving	
Total Lysine	1,691 mg/Serving	
Histidine	322 mg/Serving	
Arginine	448 mg/Serving	

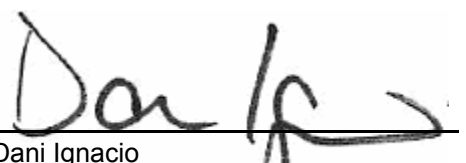
QQ177: Cystine & Methionine (AOAC, Most Matrices)

Method Reference: AOAC 994.12 mod.

Completed: 12/03/2014

	Result	Theoretical Level
Cystine	368 mg/Serving	
Methionine	359 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.
Results shall not be reproduced except in full without written permission from Eurofins Scientific, Inc.



Dani Ignacio
QC Supervisor Analytical Lab