

January 27, 2015

Nick Loveridge  
MusclePharm Corp.  
4721 Ironton Street Building A  
Denver, CO 80239**CERTIFICATE OF ANALYSIS**

AR-15-KK-001688-01

Batch #: EUCAPE-00065050

**Sample Identification:**

Sample #: 740-2015-00000597

Description: Fitmiss Delight, Vanilla Chai, Powder, Lot #329342036, Serving = 24.7g

Condition: Yellow powder in a ziplock bag received at room temperature.

Date Received: January 13, 2015

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

Method Reference: Internal Method

Completed: 01/27/2015

	Result	Theoretical Level
Glutamine (Free)	185 mg/Serving	190 - 240 mg/serving

**QD252: Protein - Combustion**

Method Reference: AOAC 990.03; AOAC 992.15

Completed: 01/27/2015

	Result	Theoretical Level
Total Protein Minus Free Amino Acids (Calculation)	16.6 g/Serving	
Protein	16.79 g/Serving	16 g/serving

**QQ141: Tryptophan (AOAC, Most Matrices)**

Method Reference: AOAC 988.15

Completed: 01/22/2015

	Result	Theoretical Level
Tryptophan	364 mg/Serving	

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

**Method Reference:** AOAC 982.30 mod.

**Completed:** 01/22/2015

	<b>Result</b>	<b>Theoretical Level</b>
Aspartic Acid	2,041 mg/Serving	
Threonine	1,397 mg/Serving	
Serine	1,036 mg/Serving	
Glutamic Acid	3,416 mg/Serving	
Proline	1,065 mg/Serving	
Glycine	364 mg/Serving	
Alanine	959 mg/Serving	
Valine	1,091 mg/Serving	
Isoleucine	1,165 mg/Serving	
Leucine	1,959 mg/Serving	
Tyrosine	505 mg/Serving	
Phenylalanine	599 mg/Serving	
Total Lysine	1,754 mg/Serving	
Histidine	341 mg/Serving	
Arginine	480 mg/Serving	

**QQ177: Cystine & Methionine (AOAC, Most Matrices)**

**Method Reference:** AOAC 994.12 mod.

**Completed:** 01/22/2015

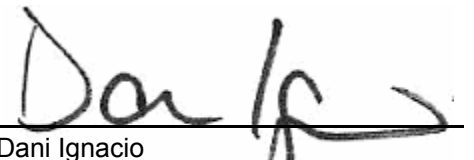
	<b>Result</b>	<b>Theoretical Level</b>
Cystine	383 mg/Serving	
Methionine	343 mg/Serving	

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.

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