

April 07, 2015

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**CERTIFICATE OF ANALYSIS**

AR-15-KK-006505-01

Batch #: EUCAPE-00068739

**Sample Identification:**

Sample #: 740-2015-00005753  
 Description: Combat Gainer Black, Vanilla, Powder, Lot #92748, Serving = 262g  
 Condition: Powder in a sealed consumer labeled plastic container received at room temperature.  
 Date Received: March 23, 2015

**KK010: Creatine monohydrate and creatinine (HPLC)**

Method Reference: Internal Method

Completed: 04/07/2015

	Result	Theoretical Level
Creatine	1.78 g/Serving	2 g/serving

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

Method Reference: Internal Method

Completed: 04/07/2015

	Result	Theoretical Level
Aspartic acid (Free)	<0.085 g/Serving	
Glutamic acid (Free)	0.12 g/Serving	
Serine (Free)	<0.085 g/Serving	
Histidine (Free)	<0.085 g/Serving	
Glycine (Free)	<0.085 g/Serving	
Threonine (Free)	<0.085 g/Serving	
Arginine (Free)	<0.085 g/Serving	
Alanine (Free)	<0.085 g/Serving	
Tyrosine (Free)	<0.085 g/Serving	
Cystine, free	<0.085 g/Serving	
Valine (Free)	<0.085 g/Serving	
Methionine (Free)	<0.085 g/Serving	
Phenylalanine	<0.085 g/Serving	
Isoleucine (Free)	<0.085 g/Serving	
Leucine (Free)	<0.085 g/Serving	
Sum of free amino-acids	4.89 g/Serving	

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

Method Reference: Internal Method

Completed: 04/07/2015

	Result	Theoretical Level
Glutamine (Free)	4.77 g/Serving	5 g/serving

**QD252: Protein - Combustion**

**Method Reference:** AOAC 990.03; AOAC 992.15

**Completed:** 04/07/2015

	<b>Result</b>	<b>Theoretical Level</b>
Total Protein Minus Free Amino Acids (Calculation)	59.96 g/Serving	55 g/serving
Protein	64.85 g/Serving	

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

**Method Reference:** AOAC 988.15

**Completed:** 04/07/2015

	<b>Result</b>	<b>Theoretical Level</b>
Tryptophan	1.18 g/Serving	

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

**Method Reference:** AOAC 982.30 mod.

**Completed:** 04/07/2015

	<b>Result</b>	<b>Theoretical Level</b>
Aspartic Acid	5.29 g/Serving	
Threonine	3.60 g/Serving	
Serine	2.90 g/Serving	
Glutamic Acid	15.79 g/Serving	
Proline	3.25 g/Serving	
Glycine	1.28 g/Serving	
Alanine	3.12 g/Serving	
Valine	3.56 g/Serving	
Isoleucine	3.62 g/Serving	
Leucine	6.40 g/Serving	
Tyrosine	1.55 g/Serving	
Phenylalanine	2.03 g/Serving	
Total Lysine	5.32 g/Serving	
Histidine	1.16 g/Serving	
Arginine	1.78 g/Serving	

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

**Method Reference:** AOAC 994.12 mod.

**Completed:** 04/07/2015

	<b>Result</b>	<b>Theoretical Level</b>
Cystine	1.29 g/Serving	
Methionine	1.28 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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