

December 09, 2014

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CERTIFICATE OF ANALYSIS

AR-14-KK-020434-01

Batch #: EUCAPE-00062740

Sample Identification:

Sample #: 740-2014-00019985
 Description: Delight, Cookies N Cream, Powder, Lot #272642035, Serving = 25.8g
 Condition: Cream with brown speckled powder in a ziplock bag received at room temperature.
 Date Received: November 21, 2014

K0010: Creatine monohydrate and creatinine (HPLC)

Method Reference: Internal Method

Completed: 12/03/2014

	Result	Theoretical Level
Creatine	<0.05 g/Serving	0 g/serving

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

Method Reference: Internal Method

Completed: 12/09/2014

	Result	Theoretical Level
Alanine (Free)	<0.003 g/Serving	
Arginine (Free)	<0.003 g/Serving	
Aspartic acid (Free)	<0.003 g/Serving	
Cystine, free	0.003 g/Serving	
Glutamic acid (Free)	<0.003 g/Serving	
Glycine (Free)	<0.003 g/Serving	0.7638 - 0.9648 g/serving
Histidine (Free)	<0.003 g/Serving	
Isoleucine (Free)	0.004 g/Serving	0.00285 - 0.0036 g/serving
Leucine (Free)	0.009 g/Serving	0.00285 - 0.0036 g/serving
Methionine (Free)	<0.003 g/Serving	
Phenylalanine	<0.003 g/Serving	
Serine (Free)	0.003 g/Serving	
Sum of free amino-acids	0.221 g/Serving	
Threonine (Free)	<0.003 g/Serving	
Tyrosine (Free)	<0.003 g/Serving	
Valine (Free)	0.004 g/Serving	0.00285 - 0.0036 g/serving

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

Method Reference: Internal Method

Completed: 12/09/2014

	Result	Theoretical Level
Glutamine (Free)	0.198 g/Serving	0.1539 - 0.1944 g/serving

QD252: Protein - Combustion

Method Reference: AOAC 990.03; AOAC 992.15

Completed: 12/09/2014

	Result	Theoretical Level
Total Protein Minus Free Amino Acids (Calculation)	15.94 g/Serving	
Protein	16.16 g/Serving	16 g/serving

QQ141: Tryptophan (AOAC, Most Matrices)

Method Reference: AOAC 988.15

Completed: 12/03/2014

	Result	Theoretical Level
Tryptophan	0.33 g/Serving	

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

Method Reference: AOAC 982.30 mod.

Completed: 12/03/2014

	Result	Theoretical Level
Aspartic Acid	1.89 g/Serving	
Threonine	1.38 g/Serving	
Serine	1.00 g/Serving	
Glutamic Acid	3.28 g/Serving	
Proline	1.06 g/Serving	
Glycine	0.35 g/Serving	
Alanine	0.88 g/Serving	
Valine	1.06 g/Serving	
Isoleucine	1.12 g/Serving	
Leucine	1.75 g/Serving	
Tyrosine	0.45 g/Serving	
Phenylalanine	0.55 g/Serving	
Total Lysine	1.58 g/Serving	
Histidine	0.32 g/Serving	
Arginine	0.44 g/Serving	

QQ177: Cystine & Methionine (AOAC, Most Matrices)

Method Reference: AOAC 994.12 mod.

Completed: 12/03/2014

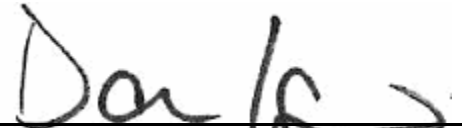
	Result	Theoretical Level
Cystine	0.37 g/Serving	
Methionine	0.36 g/Serving	

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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