



Australian Government
Department of Health and Ageing
Therapeutic Goods Administration

Certificate of Analysis

I, [REDACTED] being an Official Analyst appointed under Regulation 25 of the Therapeutic Goods Regulations 1990, certify that a sample of therapeutic goods, bearing TGA sample number 1304001506, has been examined and analysed.

The sample was submitted by TGA Regulatory Compliance Unit [REDACTED]
The goods were represented to be:

ARTG Number:	N/A		
Name:	Plexus Slim Accelerator		
Sponsor:			
Batch Number:	12095	Expiry Date:	30-April-2014
Storage Conditions:		Dosage Form:	Capsule, Hard

Results of the examination and analysis were as follows:

TEST	RESULT	REQUIREMENT
Sample Appearance	12 clear, size 0 capsules filled with a light brown powder. The capsules were received in an opened, labelled, white, plastic bottle. Average capsule fill weight was 550mg (average of 4).	
Drug Screen by HPLC/PDA (LCD092)	Caffeine detected; content of caffeine was estimated to be 88.3 mg/capsule. Peaks with library matches for pyridoxine, theobromine, and epicatechin gallate detected, consistent with labelled ingredients.	see below *
Drug Screen by GCMS (GCMSD01)	Labelled ingredient caffeine was detected.	see below *
Identification (HPLC)	Caffeine	
Identification (GC)	1,3-Dimethylamylamine(DMAA)	
Identification (LCMS)	1,3-Dimethylamylamine(DMAA)	

* Requirement : No undeclared pharmaceutical active ingredient detected.

Abbreviations: GCMS = gas chromatography with mass spectrometer detector; HPLC/PDA = high performance liquid chromatography / photodiode array detector; LCMS = (high performance) liquid chromatography with mass spectrometer detector

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Analyst Signature : [REDACTED]

Issued:

31-May-2013

TEST	RESULT	REQUIREMENT
Identification (GCMS)	Caffeine	
Profile by LCMS	1,3-Dimethylamylamine(DMAA) detected; content of DMAA estimated to be 38.9 mg/capsule.	
TGA Seal Number	RCU1292	
TGA RCU Number	SU0022083	

Abbreviations: GCMS = gas chromatography with mass spectrometer detector; HPLC/PDA = high performance liquid chromatography / photodiode array detector; LCMS = (high performance) liquid chromatography with mass spectrometer detector

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Analyst Signature: [REDACTED]

Issued: 31-May-2013



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Certificate of Analysis

I, [REDACTED] being an Official Analyst appointed under Regulation 25 of the Therapeutic Goods Regulations 1990, certify that a sample of therapeutic goods, bearing TGA sample number 1304001508, has been examined and analysed.

The sample was submitted by TGA Regulatory Compliance Unit [REDACTED]

The goods were represented to be:

ARTG Number:

Name: Plexus Slim Accelerator 3 Day Trial (sachets)

Sponsor:

Batch Number: 12324

Expiry Date:

Storage Conditions:

Dosage Form: Powder

Results of the examination and analysis were as follows:

TEST	RESULT	REQUIREMENT
Sample Appearance	Three labelled plastic foil sachets containing a heterogeneous pink powder. The sachets were received in a 3-day trial pack along with sample 1304001508-R1. Contents weight of one sachet was approximately 5g.	
Drug Screen by HPLC/PDA (LCD092)	Peaks with library matches for chlorogenic acid, caffeic acid, ferulic acid, and vanillin were detected.	see below *
Drug Screen by GCMS (GCMSD01)	Peaks with library matches for caffeine and the labelled ingredient alpha lipoic acid were detected.	see below *
TGA Seal Number	RCU1292	
TGA RCU Number	SU0073937	

* Requirement : No undeclared pharmaceutical active ingredient detected.

Abbreviations: GCMS = gas chromatography with mass spectrometer detector; HPLC/PDA = high performance liquid chromatography / photodiode array detector; LCMS = (high performance) liquid chromatography with mass spectrometer detector

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Analyst Signature: [REDACTED]

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Certificate of Analysis

I, [REDACTED] being an Official Analyst appointed under Regulation 25 of the Therapeutic Goods Regulations 1990, certify that a sample of therapeutic goods, bearing TGA sample number 1304001508-R1, has been examined and analysed.

The sample was submitted by TGA Regulatory Compliance Unit [REDACTED]

The goods were represented to be:

ARTG Number:

Name: Plexus Slim Accelerator 3 Day Trial (capsules)

Sponsor:

Batch Number: 12324

Expiry Date:

Storage Conditions:

Dosage Form: Capsule, Hard

Results of the examination and analysis were as follows:

TEST	RESULT	REQUIREMENT
Sample Appearance	One clear, unlabelled, plastic packet with 3 clear, size 0 capsules containing a heterogeneous light brown powder. The packet was received in a 3-day trial pack along with sample 1304001508. The fill weight of one capsule was 460mg.	
Drug Screen by HPLC/PDA (LCD092)	The labelled ingredient caffeine was detected; content of caffeine was estimated to be 50 mg/ capsule. Peaks with library matches for pyridoxine, theobromine and catechins were detected, consistent with labelled ingredients. No undeclared pharmaceutical drugs were detected.	see below *
Drug Screen by GCMS (GCMSD01)	The labelled ingredient caffeine detected. No undeclared pharmaceutical drugs were detected.	see below *
Identification (HPLC)	Caffeine	
Identification (GC)	1,3-Dimethylamylamine(DMAA)	

* Requirement : No undeclared pharmaceutical active ingredient detected.

Abbreviations: GCMS = gas chromatography with mass spectrometer detector; HPLC/PDA = high performance liquid chromatography / photodiode array detector; LCMS = (high performance) liquid chromatography with mass spectrometer detector

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Analyst Signature : [REDACTED]

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TEST	RESULT	REQUIREMENT
Identification (LCMS)	1,3-Dimethylamylamine(DMAA)	
Identification (GCMS)	Caffeine	
Profile by LCMS	1,3-Dimethylamylamine(DMAA) was detected; content was estimated to be 26 mg/capsule.	
TGA Seal Number	RCU1292	
TGA RCU Number	SU0073937	

Abbreviations: GCMS = gas chromatography with mass spectrometer detector; HPLC/PDA = high performance liquid chromatography / photodiode array detector; LCMS = (high performance) liquid chromatography with mass spectrometer detector

Certificate Number: 1304001508-R1

Analyst Signature: 

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