

Certificate of Analysis

Stacker2 Europe BV

Geerweg 2
Sittard 6135KC Netherlands

Sample Name:	Stim Junkie	Eurofins Sample:	10333308
Project ID	STACKER2-20210224-0001	Receipt Date	22-Feb-2021
PO Number	NA	Receipt Condition	Ambient temperature
Lot Number	V2101043	Login Date	24-Feb-2021
Sample Serving Size		Date Started	03-Mar-2021
		Sampled	Sample results apply as received

Analysis

Result

Aerobic Plate Count *

Total Aerobic Microbial Count 400 CFU/g

Preparatory Testing of Nutritional and Dietary Supplements *

Aerobic Plate Suitability Result Pass**

Elements by ICP Mass Spectrometry

Cadmium <5.00 ppb
Lead 96.4 ppb
Mercury <5.00 ppb

Screening Method for the Detection of Adulterants in Weight Loss Supplements *

1-Phenylethylamine <100 mcg/g
2-Methylamino-1-phenylbutane <2 mcg/g
2-Phenylethylamine <100 mcg/g
Aegeline <20 mcg/g
Amphetamine <1 mcg/g
Benfluorex <10 mcg/g
Benzphetamine <1 mcg/g
Benzyl Sibutramine <1 mcg/g
Bisacodyl <1 mcg/g
Bumetanide <10.0 mcg/g
Bupropion <1 mcg/g
Cetilistat <100 mcg/g
Chloro-Sibutramine <2 mcg/g
Dapoxetine <10 mcg/g
Diclofenac <10 mcg/g
Diethylpropion (Amfepramone) <1 mcg/g
Emodin <5 mcg/g
Ephedrine <1 mcg/g
Ephedrine, methylpseudo- <1 mcg/g
Ephedrine, methyl- <1 mcg/g
Ephedrine, nor- <1 mcg/g
Ephedrine, norpseudo- <1 mcg/g
Ephedrine, pseudo- <1 mcg/g
Fenfluramine <1 mcg/g
Fenproporex <1 mcg/g

* This analysis or component is not ISO accredited.

Printed: 12-Mar-2021 12:42 pm

Page 1 of 4

Certificate of Analysis

Stacker2 Europe BV

Geerweg 2
Sittard 6135KC Netherlands

Sample Name:	Stim Junkie	Eurofins Sample:	10333308
Project ID	STACKER2-20210224-0001	Receipt Date	22-Feb-2021
PO Number	NA	Receipt Condition	Ambient temperature
Lot Number	V2101043	Login Date	24-Feb-2021
Sample Serving Size		Date Started	03-Mar-2021
		Sampled	Sample results apply as received

Analysis

Result

Screening Method for the Detection of Adulterants in Weight Loss Supplements *

Fluoxetine	<10 mcg/g
Furosemide	<100 mcg/g
Glybenclamide	<10 mcg/g
Homosibutramine	<2 mcg/g
Hordenine	<5 mcg/g
Lorcaserin	<10 mcg/g
Metformin	<10 mcg/g
Methylphenethylamine, beta	<1 mcg/g
N,N-Dimethylphenylethylamine	<1.00 mcg/g
N-Desmethyl sertraline	<10 mcg/g
N-Desmethyl sibutramine	<1 mcg/g
N-Didesmethyl sibutramine	<2 mcg/g
N,alpha-Diethylphenethylamine	<1 mcg/g
N-Formyl N,N-Didesmethyl Sibutramine	<2 mcg/g
NIDA-41020	<2 mcg/g
N-Methyltryptamine	<2 mcg/g
N-Methyltyramine	<1 mcg/g
Octopamine	<1000 mcg/g
Orlistat	<10 mcg/g
Paroxetine	<2 mcg/g
Phendimetrazine	<1 mcg/g
Phenolphthalein	<10 mcg/g
Phentermine	<2 mcg/g
Phenytoin	<100 mcg/g
Picamilon	<10 mcg/g
Propranolol	<5 mcg/g
Rimonabant	<2 mcg/g
Sertraline	<1 mcg/g
Sibutramine	<1 mcg/g
Synephrine	<10 mcg/g
Theobromine	<20 mcg/g
Theophylline	53 mcg/g
Topiramate	<20 mcg/g

* This analysis or component is not ISO accredited.

Certificate of Analysis

Stacker2 Europe BV

Geerweg 2
Sittard 6135KC Netherlands

Sample Name:	Stim Junkie	Eurofins Sample:	10333308
Project ID	STACKER2-20210224-0001	Receipt Date	22-Feb-2021
PO Number	NA	Receipt Condition	Ambient temperature
Lot Number	V2101043	Login Date	24-Feb-2021
Sample Serving Size		Date Started	03-Mar-2021
		Sampled	Sample results apply as received

Analysis

Result

Screening Method for the Detection of Adulterants in Weight Loss Supplements *

Tyramine <20 mcg/g

Polycyclic Aromatic Hydrocarbons-Low Level

Benz(a)anthracene <0.820 ppb
 Benzo(a)pyrene <0.820 ppb
 Benzo(b)fluoranthene <0.820 ppb
 Benzo(g,h,i)perylene <0.820 ppb
 Benzo(k)fluoranthene <0.820 ppb
 Chrysene <0.820 ppb
 Dibenz(a,h)anthracene <0.820 ppb
 Indeno(1,2,3-c,d)pyrene <0.820 ppb
 Pyrene <0.820 ppb

Method References

Testing Location

Aerobic Plate Count (USPC2021)

Eurofins Micro Lab - Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).

Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

Polycyclic Aromatic Hydrocarbons-Low Level (LLPAH_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Internally Developed Method

* This analysis or component is not ISO accredited.

Printed: 12-Mar-2021 12:42 pm

Page 3 of 4

Certificate of Analysis

Stacker2 Europe BV

Geerweg 2
Sittard 6135KC Netherlands

Method References

Testing Location

Preparatory Testing of Nutritional and Dietary Supplements (USPC_PT)

Eurofins Micro Lab - Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Screening Method for the Detection of Adulterants in Weight Loss Supplements (ADULTER1_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Lukas Vaclavik, Alexander J. Krynitsky, Jeanne I. Rader, "Mass spectrometric analysis of pharmaceutical adulterants in products labeled as botanical dietary supplements or herbal remedies: a review.," Analytical and Bioanalytical Chemistry, 27: 6767-6790 (2014).

B.J. Venhuis, M.E. Zwaagstrab, P.H.J. Keizersa, D. de Kaste, "Dose-to-dose variations with single packages of counterfeit medicines and adulterated dietary supplements as a potential source of false negatives and inaccurate health risk assessments," Journal of Pharmaceutical and Biomedical Analysis, 89:158-165 (2014).

Daniel J. Mansa, Ashley C. Gucinskia, Jamie D. Dunna, Connie M. Gryniewicz-Ruzicka, Laura C. Mecker-Poguea, Jeff L.-F. Kaob, Xia Geb, "Rapid screening and structural elucidation of a novel sibutramine analogue in a weight loss supplement: 11-Desisobutyl-11-benzylsibutramine," Journal of Pharmaceutical and Biomedical Analysis, 83:122-128 (2013).

Maciej J. Bogusz, Huda Hassan, Eid Al-Enazi, Zuhour Ibrahim, Mohammed Al-Tufail, "Application of LC-ESI-MS-MS for detection of synthetic adulterants in herbal remedies," Journal of Pharmaceutical and Biomedical Analysis, 41: 554-564 (2006).

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

**Edward Ladwig - President Eurofins Food
Chemistry Testing Madison**

Eurofins Food Chemistry Testing Madison, Inc.
3301 Kinsman Blvd
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins.

* This analysis or component is not ISO accredited.

Printed: 12-Mar-2021 12:42 pm

Page 4 of 4