

# LIFTMODE

LIFTMODE  
47 W. Polk St. STE 100-241  
Chicago, IL 60605

liftmode@liftmode.com  
www.liftmode.com

## CERTIFICATE OF ANALYSIS

### 5-HTP

(5-Hydroxytryptophan)

Material Lot #: 201605006  
Country of Origin: China

Manufacture Date: 05/27/2016  
Expiration Date: 05/26/2019

Analysis	Claim	Result
5-HTP	≥98.0%	99.19%

Test	Specification	Result
Appearance	Off-white Powder	Complies
Residue on Ignition	≤1.0%	0.07%
Moisture Loss on Drying	≤1.0%	0.32%
pH (water solution)	5.5-6.5	Complies
Ethanol	≤3000 ppm	<10 ppm
Pesticide Residue	Meets USP35 <561>	Complies
Heavy Metals	≤10 ppm	≤10 ppm
Lead	≤0.1 ppm	≤0.1 ppm
Arsenic	≤0.1 ppm	≤0.1 ppm
Cadmium	≤0.1 ppm	≤0.1 ppm
Mercury	≤0.1 ppm	≤0.1 ppm
Aflatoxins	≤10 ppm	Negative
Total Plate Count	≤1000 cfu/g	100 cfu/g
E.Coli	Negative/10g	Complies
Salmonella	Negative/10g	Complies
Staphylococcus aureus	Negative/10g	Complies
Coliform	<10 cfu/g	Complies
Yeast and mold	<100 cfu/g	Complies

5-HTP should be stored at or below room temperature in a tightly sealed durable container.  
5-HTP should be protected from excess heat, direct sunlight, excess humidity and moisture.  
5-HTP has a stable shelf life of 3 years from the date of manufacture when properly stored.

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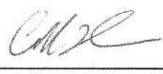
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### 5-HTP

Product Name	5-HTP	Client Lot Number	201605006
Report Date	03/31/17	Laboratory #	8411

Test	Method	Result
5-HTP	CA-039 (HPLC-UV)	99.3 %
Arsenic	ICP-MS USP <730>	<0.001 ppm
Cadmium	ICP-MS USP <730>	<0.001 ppm
Lead	ICP-MS USP <730>	<0.001 ppm
Mercury	ICP-MS USP <730>	<0.001 ppm
Total Plate Count	Biolumix	<100 CFU/G
Yeast & Mold	Biolumix	<100 CFU/G
Salmonella	Biolumix	Negative
E.Coli	Biolumix	<10 CFU/G
Coliform	Biolumix	<10 CFU/G

Collin Thomas   
Laboratory Manager

03/31/2017  
Date

3/31/17