



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 #: 20140614      Manufacture Date: 06/14/2014  
Country of Origin: China      Expiration Date: 06/14/2017

Analysis	Claim	Result
5-HTP	≥99.0%	99.09%

Test	Specification	Result
Appearance	Off-white Powder	Complies
Identification	Positive	Positive
Moisture Loss on Drying	≤2.0%	1.02%
Ash	≤2.0%	0.34%
Heavy Metals	≤10 ppm	≤10 ppm
PB	≤2.0 ppm	0.63 ppm
AS	≤0.5 ppm	0.35 ppm
HG	≤0.5 ppm	Not Detected
CD	≤0.5 ppm	Not Detected
Total Plate Count	≤1000 cfu/g	600 cfu/g
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus aureus	Negative	Negative
Yeast and mold	<100 cfu/g	50 cfu/g

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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COA No:	SCA-37432641-0
Supersedes:	None
COA Date	10/7/14
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Received From:	Costa Mesa, CA
Received Date:	10/2/14
P.O.# / ID:	3877
Location of Test: (except where noted) Cypress, CA	

#### Analytical Results

Desc. 1:	AOM27314SYNP2_1:PYTO20140614	Laboratory ID:	348792747		
Desc. 2:	5-Hydroxytryptophan / Phytochem	Condition Rec'd:	NORMAL		
		Temp Rec'd (°C):	22.9		
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Method Reference</b>	<b>Test Date</b>	<b>Loc.</b>
ICP MS Heavy Metals (4 analytes)			EPA 3050/6020 USP730	10/7/14	CHG
ICPMS Prep	Acid Digest	-			
Arsenic	0.03	ppm (w/w)			
Cadmium	0.046	ppm (w/w)			
Lead	0.28	ppm (w/w)			
Mercury	<0.005	ppm (w/w)			

*Jorge Hernandez*  
Jorge Hernandez      Laboratory Director

October 24, 2014

**CERTIFICATE OF ANALYSIS**


AR-14-KK-017493-01  
Batch #: EUCAPE-00060500

**Sample Identification:**

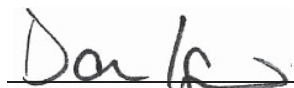
Sample #: 740-2014-00016806  
Description: 5-Hydroxytryptophan / Phytochem, Powder, Lot #AOM27314SYNP2\_2:PYTO20140614  
Condition: Brown powder in a plastic vial with a purple lid received at room temperature.  
Date Received: October 03, 2014

<b>K0052: Hydroxytryptophan, 5- (5-HTP) (HPLC)</b>		
<b>Method Reference:</b> Internal Method		<b>Theoretical Level</b>
<b>Completed:</b> 10/24/2014	<b>Result</b>	<b>Theoretical Level</b>
Hydroxytryptophan, 5-(5-HTP)(dry-weight) -1	100.2 % (w/w)	98 % (w/w)
Hydroxytryptophan, 5-(5-HTP) (as-is) -1	99.0 % (w/w)	
Hydroxytryptophan, 5-(5-HTP)(dry-weight) -2	99.8 % (w/w)	98 % (w/w)
Hydroxytryptophan, 5-(5-HTP) (as-is) -2	98.6 % (w/w)	

<b>K0149: Water by Karl Fischer Titration</b>		
<b>Method Reference:</b> USP <921>		<b>Theoretical Level</b>
<b>Completed:</b> 10/14/2014	<b>Result</b>	<b>Theoretical Level</b>
Water	1.18 %	

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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 Indicates results of tests performed in accordance with ISO/IEC 17025:2005 Chemical Scope of Accreditation.



  
Dani Ignacio  
QC Supervisor Analytical Lab