



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

liftmode@liftmode.com
www.liftmode.com

November 20, 2014

CERTIFICATE OF ANALYSIS

AR-14-KK-019281-01
Batch #: EUCAPE-00061889

Sample Identification:

Sample #: 740-2014-00018830
Description: 5-HTP, Powder, Lot #AOM30414SYNP1_1:1405241
Condition: Off-white powder in a plastic tubular container received at room temperature.
Date Received: November 05, 2014

K0052: Hydroxytryptophan, 5- (5-HTP) (HPLC)

Method Reference: Internal Method

Completed: 11/20/2014

	Result	Theoretical Level
Hydroxytryptophan, 5- (5-HTP) (as-is)	98.1 % (w/w)	98 % (w/w)

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.
Results shall not be reproduced except in full without written permission from Eurofins Scientific, Inc.

Charu Punatar
QC Analyst II



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CERTIFICATE OF ANALYSIS

COA No:	SCA-37541961-0
Supersedes:	None
COA Date	11/17/14
Page 1 of 1	

Received From:	Costa Mesa, CA
Received Date:	11/11/14
P.O.# / ID:	3955
Location of Test: (except where noted) Cypress, CA	

Analytical Results

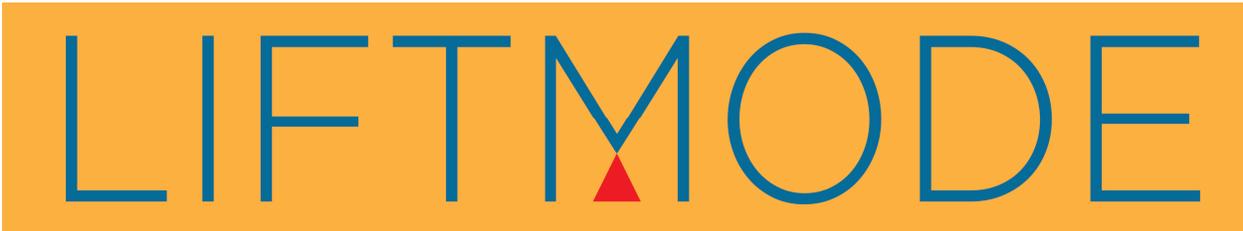
Desc. 1: AOM30414SYNP1_2:1405241
Desc. 2: 5-HTP

Laboratory ID: 349592467
Condition Rec'd: NORMAL
Temp Rec'd (°C): 19.8

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
ICP MS Heavy Metals (4 analytes)			EPA 3050/6020 USP730	11/17/14	BRN
Arsenic	<0.01	ppm (w/w)			
Cadmium	0.002	ppm (w/w)			
Lead	0.04	ppm (w/w)			
Mercury	0.107	ppm (w/w)			

.....
Jorge Hernandez
Jorge Hernandez Laboratory Director

Noted Test Locations: BRN-Silliker, JR Laboratories, 12-3871 North Fraser Way, Burnaby, BC V5J 5G6



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CERTIFICATE OF ANALYSIS

COA No:	SCA-37537855-0
Supersedes:	None
COA Date	11/16/14
Page 1 of 1	

Received From:	Costa Mesa, CA
Received Date:	11/11/14
P.O.# / ID:	3955
Location of Test: (except where noted) Cypress, CA	

Analytical Results

Desc. 1:	AOM30414SYNP1_3:1405241	Laboratory ID:	349592630		
Desc. 2:	5-HTP	Condition Rec'd:	NORMAL		
		Temp Rec'd (°C):	19.8		
Analyte	Result	Units	Method Reference	Test Date	Loc.
Aerobic Plate Count - Petrifilm	20	/g	AOAC 990.12	11/13/14	
E. coli / Coliform - Petrifilm			AOAC 991.14	11/12/14	
Coliform-Petrifilm	<10	/g			
E. coli-Petrifilm	<10	/g			
Salmonella - ELFA	Negative	/25g	AOAC 2004.03	11/13/14	
Staphylococci - coag. positive	<10	/g	AOAC 975.55	11/13/14	
Yeast and Mold			FDA-BAM, 7th ed.	11/16/14	
Yeast	<10	/g			
Mold	<10	/g			

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PRODUCT NAME	5-HTP		
LATIN NAME	<i>Griffonia Simplicifolia</i>		
BATCH NO.	140524-1	BATCH SIZE	25 kg
MANU DATE	2014-05-24	SHELF LIFE	2 years
ITEM	SPECIFICATION		RESULT
Appearance	Off White Powder		Conforms
Assay(HPLC)	99.0% Min		99.7%
Peak X	Free		Conforms
Sieve Analysis	100% Pass 80 Mesh		Conforms
Ash	5.0% Max		0.02%
Loss on drying	5.0% Max		0.09%
Heavy metals	20ppm Max		Conforms
As	2ppm Max		Conforms
Microbiology Control			
Total Plate Count	1000cfu/g Max		Conforms
Yeast & Mold	100cfu/g Max		Conforms
E.Coli	Negative		Conforms
Salmonella	Negative		Conforms

CONCLUSION: QUALIFIED WITH THE SPECIFICATION.