

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 #: 05010371
Country of Origin: China

Manufacture Date: 05/20/2017
Expiration Date: 05/19/2020

Analysis	Claim	Result
5-HTP	$\geq 98.0\%$	99.05%

Test	Specification	Result
Appearance	Off-white Powder	Complies
Specific Rotation (α) _{D20}	$-32.5 \pm 2.0^\circ$ (C=1, H ₂ O)	-32.8 °
Residue on Ignition	$\leq 1.0\%$	0.08%
Moisture Loss on Drying	$\leq 1.0\%$	0.36%
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	550 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 2 years from the date of manufacture when properly stored.




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Product Name	5-HTP	Client Lot Number	05010371
Report Date	01/30/18	Laboratory #	9753

Test	Method	Result
Assay	CA-039 (HPLC)	98.0%
Lead	ICP-MS USP <730>	0.007 ppm
Arsenic	ICP-MS USP <730>	<0.001 ppm
Cadmium	ICP-MS USP <730>	0.002 ppm
Mercury	ICP-MS USP <730>	<0.001 ppm
Total Aerobic Count	Biolumix	<100 CFU/g
Yeast and Mold	Biolumix	<100 CFU/g
Salmonella	Biolumix	Negative
E.Coli	Biolumix	Negative
Coliform	Biolumix	<10 CFU/g

Collin Thomas 
Laboratory Manager

01/30/2018
Date

1/30/18