LIFTMODE

LIFTMODE 47 W. Polk St. STE 100-241 Chicago, IL 60605 liftmode@liftmode.com www.liftmode.com

CERTIFICATE OF ANALYSIS



812 Meadowlark Lane, Goodlettsville, TN 37072

Certificate of Analysis

Synaptent LLC 47 W Polk Street, 100-241 Chicago, IL 60654

Salmonella

Product Name	Melatonin	Product Lot Num	ber 171203
Report Date	11/20/2018	Laboratory Num	ber 11116
Description	on	Method	Result
Identificati	on	1H NMR	Conforms
Assay		HPLC	99.4 %
Lead		ICP-MS	0.028 ppm
Arsenic		ICP-MS	<0.001 ppm
Cadmiun	1	ICP-MS	0.003 ppm
Mercury		ICP-MS	0.028 ppm
Total Aerobic	Count	Biolumix	<100 CFU/g
Yeast and M	lold	Biolumix	<100 CFU/g
E. Coli		Biolumix	Absent
Coliform	1	Biolumix	<10 CFU/g

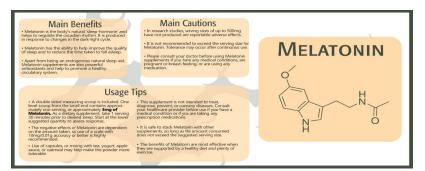


///20//8 11/20/2018 Date

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Melatonin

(N-acetyl-5-methoxy tryptamine)

Material Lot #:171203Manufacture Date:12/19/2017Country of Origin:ChinaExpiration Date:12/18/2020

Analysis Claim Result

Melatonin ≥99.0% 99.56%

Test	Specification	Result
Appearance	Off-white powder	Complies
Odor	Characteristic	Complies
dentification	IR spectrum	Complies
Assay	≥99.0%	99.56%
Residue on Ignition	<u>≤</u> 0.1%	0.07%
Loss on Drying	≤0.5%	0.27%
Melting Point	117-120°C	118.0-118.4°C
Bulk Density	<u>≥</u> 0.3	0.43g/ml
Ethyl Acetate	<u>≤</u> 0.3%	Not Detected
Sulfated Ash	<u>≤</u> 0.2%	<0.7%
Heavy Metals	<u>≤</u> 10 ppm	Complies
Arsenic	<2 ppm	Complies
Lead	≤2 ppm	Complies
Cadmium	<u><</u> 0.3 ppm	Complies
Mercury	<u><</u> 0.2 ppm	Complies
Chromium	<12 ppm	Complies
Total Plate Count	≤1,000 cfu/g	Complies
Yeast & Mold	≤100 cfu/g	Complies
Coliform	≤100 cfu/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies

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

