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



# **Sleep Caps**



Material Lot #: 30718 Test Date: 03/20/2023

Country of Manufacturing: USA

Country of Origin: Re-Test Date: 03/04/2024

### Sleep Caps Formula

Ingredient	mg/serving	Test/Method	Specification	Result
Vitamin C (from Ascorbyl Palmitate)	40mg	Ascorbyl Palmitate (HPLC)	98%	Pass
Oleamide (≥30% Oleic Acid Amide)	220mg	cis-9-Octadecenamide (GC-MS)	30%	Pass
Corydalis Ambigua Extract (L-THP)	30mg	L-THP (HPLC)	98%	Pass
Melatonin	1mg	Melatonin (LC-DAD)	99%	Pass

### Sleep Caps Safety

Test	Specification	Results
Lead	≤0.5 ppm	Pass
Mercury	≤0.5 ppm	Pass
Cadmium	≤0.5 ppm	Pass
Arsenic	≤0.5 ppm	Pass
Total Aerobic Plate Count	<1000 cfu/g	Pass
Yeast	< 100 cfu/g	Pass
Mold	< 100 cfu/g	Pass
Escherichia coli	<10 cfu/g	Pass
Coliforms	<10 cfu/g	Pass
Salmonella	Negative	Pass
Staphylococcus aureus	<10 cfu/g	Pass

Sleep Caps should be stored at or below room temperature in a tightly sealed durable container. Sleep Caps should be protected from excess heat, direct sunlight, excess humidity, and moisture.

## Sleep Caps Safety



**Eurofins Microbiology Laboratories (New Berlin)** 

Eurofins Microbiology Laboratories (New Berlin)

2345 S. 170th St. New Berlin, Wisconsin 53151 +1 262 754 5300 Micro-MKE@EurofinsUS.com

Accreditation

ISO/IEC 17025:2017 A2LA 3329.07

Synaptent

ANALYTICAL REPORT

Quality Control Department (COA) 425 BARCLAY BOULEVARD Lincolnshire, IL 60069

UMHBM - Staphylococcus aureus - BAM

Chapter 12

Parameter Staphylococcus aureus AR-23-QH-014637-01

Reference

Result

< 10 cfu/g

BAM Chapter 12

Client Code: QH0000902

Received On: 02Mar2023 Reported On: 09Mar2023

Completed

PO#: 30718

Eurofins Sample Code: Client Sample Code: Sample Description:	477-2023-03020 30718 Sleep Caps	0036	Sample Registration I Condition Upon Rece Sample Reference:			
FS001 - Heavy Metals (A Pb)	s, Cd, Hg, and	Reference AOAC 2011.19, 9 (modified)	93.14 and 2015.01	Accreditation	Completed 09Mar2023	Sub 1
Parameter Arsenic Cadmium Lead Mercury		Result <10.0 ppb <5.00 ppb 8.74 ppb <5.00 ppb				
UM8VD - Total Coliforms Chapter 9.933	s - CMMEF	Reference CMMEF Chapter	9.933	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 03Mar2023	
Parameter Coliforms		Result < 10 cfu/g				
Parameter Escherichia coli		Result < 10 cfu/g				
UMDTC - Salmonella spe 121501	ecies - AOAC-RI	Reference AOAC-RI 121501		Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 03Mar2023	
Parameter Salmonella		Result Not Detected per	25 g			

Synaptent

Quality Control Department (COA) 425 BARCLAY BOULEVARD Lincolnshire, IL 60069

ANALYTICAL REPORT

AR-23-QH-014637-01

Client Code: QH0000902 **PO#**: 30718

Received On: 02Mar2023 Reported On: 09Mar2023

Eurofins Sample Code: 477-2023-03020036 Sample Registration Date: 02Mar2023 Client Sample Code: 30718 Condition Upon Receipt: acceptable, 17°C Sleep Caps Sample Description: Sample Reference:

UMIB1 - Yeast - FDA BAM Chapter 18 Reference Accreditation Completed FDA BAM Chapter 18 mod. mod. ISO/IEC 17025:2017 07Mar2023 A2LA 3329.07

**Parameter** Result Yeast < 10 cfu/g Parameter Result Moulds < 10 cfu/g

Completed UMVSE - Aerobic Plate Count - CMMEF Reference Accreditation Chapter 8.72 CMMEF Chapter 8.72 ISO/IEC 17025:2017 04Mar2023 A2LA 3329.07

Parameter Result 10 (est) cfu/g Aerobic Plate Count

Subcontracting partners:

1 - Eurofins Food Chemistry Testing US Madison, WI

CM Juinn

Respectfully Submitted,

Christine Gwinn

Associate Technical Leader

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Page 1 of 2 Page 2 of 2 3/9/23 8:45 pm 3/9/23 8:45 pm

## Vitamin C (from Ascorbyl Palmitate), Page 1



#### SN Special Analysis West

Adam Ahmed Synaptent LLC 47 West Polk Street #100-241 Chicago, Illinois 60605 Received: 02/21/23 Reported: 03/03/23 Project#: 26428 PO Number: Verbal

#### Analysis Report: Determination of Purity, Ascorbyl Palmitate Lot 181117374

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#### REPORT OF ANALYSIS

One jar labeled "Ascorbyl Palmitate 181117374" was received on 23 February 2023. A portion of the powder inside the jar was analyzed for purity using high-pressure liquid chromatography (HPLC) with ultraviolet (UV) detection at 268 nm. The chromatographic purity of the sample was found to be 99.0%.

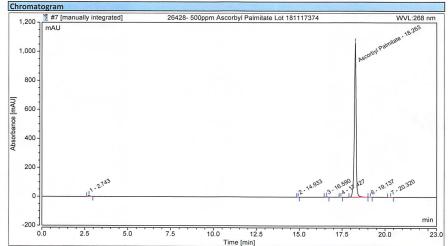
The chromatogram is enclosed for your reference.

Mike Le, M.S.

Instrument:Annex-2 Sequence:26423, 26428- Amfonelic Acid, Sinomenine Ascorbyl Palmitate Purities

Page 1 of 2

#### **Chromatogram and Results Injection Details** 26428- 500ppm Ascorbyl Palmitate Lot 181117374 Run Time (min): Injection Name: Vial Number. Injection Volume: Injection Type: Unknown FXT268NM Channel: Calibration Level: Wavelength: Instrument Method: BD pH6 250mm MaxRP Method 27min Bandwidth: n.a. Processing Method: 1.0000 **Purity Method** Dilution Factor: 27/Feb/23 20:05 Injection Date/Time. Sample Weight: 1.0000



Inte	ntegration Results						
No.	Peak Name	Retention Time	Area	Height	Relative Area	Relative Height	Amount
		min	mAU*min	mAU	%	%	
1		2.743	0.715	10.117	0.56	0.94	n.a.
2		14.933	0.007	0.107	0.01	0.01	n.a.
3		16.590	0.325	3.832	0.25	0.35	n.a.
4		17.427	0.059	0.755	0.05	0.07	n.a.
5	Ascorbyl Palmitate	18.263	126.238	1064.482	99.04	98.52	n.a.
6		19.137	0.061	0.648	0.05	0.06	n.a.
7		20.320	0.064	0.492	0.05	0.05	n.a.
Tota	l:		127.468	1080.432	100.00	100.00	

## Vitamin C (from Ascorbyl Palmitate), Page 2



812 Meadow Lark Lane, Godlettsville, TN 37072 Telephone: 615-239-8604

Certificate of Analysis

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

Product Name	Ascorbyl Palmitate	Client Lot Number	181117374
Report Date	11/01/19	Laboratory #	12958

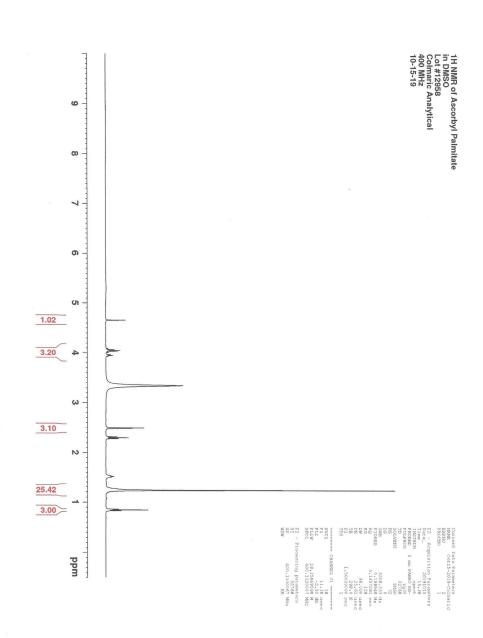
Test	Method	Result
Identification	H-NMR	Conforms
Ascorbyl Palmitate	HPLC	99.9%
Lead	ICP-MS USP <730>	0.016 ppm
Arsenic	ICP-MS USP <730>	<0.0001 ppm
Cadmium	ICP-MS USP <730>	0.012 ppm
Mercury	ICP-MS USP <730>	0.025 ppm
Total Aerobic Count	Biolumix	<1,000 cfu/g
Yeast and Mold	Biolumix	<100 cfu/g
E.Coli	Biolumix	Negative
Coliform	Biolumix	<10 cfu/g
Salmonella	Biolumix	Negative

NT: Non-Aqueous Titration

Collin Thomas MIL
Laboratory Manager

11/01/2019 K C

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## Oleamide (≥30% Oleic Acid Amide), Page 1



Intertek Champaign Laboratories 711 Parkland Ct. Champaign, IL 61821 Tel +1 217-352-6060 intertek.com/food/Champaign champaignlabs@intertek.com

## Report of Analysis

Synaptent LLC

Attn: adam@synaptent.com 425 Barclay Coulevard Lincolnshire, IL 60069 Control Number: 092222-1183

Product Name: Oleamide Received On: 09-22-2022 Quote No.: Qu-01301031-0 Lot Number: 0001487711

Original Report Date: 10-03-2022

Analysis Performed	Method	Specification	Result with Units
cis-9-Octadecenamide	SAM 05038 (GC-MS)		30.70 %

Comments: Revised Report, this report is to supersede all earlier reports.

Authorized By

Noah Morgan L

Laboratory 10-25-2022 Manager Page 1 of 1

## Oleamide (≥30% Oleic Acid Amide), Page 2



**Eurofins Microbiology Laboratories (New Berlin)** 

Eurofins Microbiology Laboratories (New Berlin)

Client Code: QH0000902

PO#: ZJ20210610

2345 S. 170th St. New Berlin, Wisconsin 53151 +1 262 754 5300 Micro-MKE@EurofinsUS.com

Synaptent

Parameter Staphylococcus aureus

mod.

UMIB1 - Yeast - FDA BAM Chapter 18

ANALYTICAL REPORT

Quality Control Department (COA) 425 BARCLAY BOULEVARD Lincolnshire, IL 60069

Received On: 02Aug2022 AR-22-QH-044202-01 Reported On: 07Aug2022

Accreditation

A2LA 3329.07

ISO/IEC 17025:2017

Completed

07Aug2022

Eurofins Sample Code: 477-2022 Client Sample Code: 00014877 Sample Description: Oleamide	711 Condition Upo	ration Date: 02Aug2022 n Receipt: acceptable, 22.1° nce:	С	
FS001 - Heavy Metals (As, Cd, Hg, Pb)	and Reference AOAC 2011.19, 993.14 and 2015 (modified)	Accreditation i.01	Completed 04Aug2022	Sub 1
Parameter Arsenic Cadmium Lead Mercury	<b>Result</b> <10.0 ppb <5.00 ppb <5.00 ppb <5.00 ppb			
UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	Completed 03Aug2022	
Parameter Coliforms Parameter Escherichia coli	Result < 10 cfu/g Result < 10 cfu/g			
UMDTC - Salmonella species - AO 121501	AC-RI Reference AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	Completed 03Aug2022	
<b>Parameter</b> Salmonella	Result Not Detected per 25 g			
UMHBM - Staphylococcus aureus Chapter 12	- BAM Reference BAM Chapter 12	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	Completed 04Aug2022	

Result

< 10 cfu/g

FDA BAM Chapter 18 mod.

Synaptent

mod.

Moulds

Quality Control Department (COA) 425 BARCLAY BOULEVARD Lincolnshire, IL 60069

UMIB1 - Yeast - FDA BAM Chapter 18

**ANALYTICAL REPORT** 

AR-22-QH-044202-01

Client Code: QH0000902 PO#: ZJ20210610

Received On: 02Aug2022 Reported On: 07Aug2022

Completed

07Aug2022

Eurofins Sample Code: 477-2022-08020098 Sample Registration Date: 02Aug2022 Client Sample Code: 0001487711 Condition Upon Receipt: acceptable, 22.1°C

Reference

< 10 cfu/g

Sample Description: Oleamide Sample Reference:

> FDA BAM Chapter 18 mod. ISO/IEC 17025:2017

A2LA 3329.07

Accreditation

A2LA 3329.07

Parameter Result Yeast < 10 cfu/g Result Parameter

UMVSE - Aerobic Plate Count - CMMEF Accreditation Completed Reference Chapter 8.72 CMMEF Chapter 8.72 ISO/IEC 17025:2017 04Aug2022

Parameter Result Aerobic Plate Count < 10 cfu/g

Subcontracting partners:

1 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,

Christine Gwinn

Associate Technical Leader

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Page 1 of 2 Page 2 of 2 8/7/22 3:43 pm 8/7/22 3:43 pm

## Corydalis Ambigua Extract (L-THP), Page 1



### S & N LABS

2021 E. Fourth Street

Santa Ana, California 92705

(714) 543-2211

16 February 2021

J	ob Number:	24738c
F	O Number:	verbal

Synaptent LLC 47 W. Polk Street #100-241 Chicago, Illinois 60605

#### REPORT OF ANALYSIS

One bag labeled "L-THP #20180503" was received on 9 February 2021. The powder in the package was analyzed for purity using high pressure liquid chromatography (HPLC). The detector was set to 205nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
L-THP #20180503	99.9

This material appears to exist in two isomeric forms. Purity is based on the sum of these two forms. The chromatogram is enclosed for your reference.

Neil E. Spingarn, Ph.D.

President

Instrument:Ultimate3000 Sequence:24738-39 - L-THP oroxylin A purity

GA6

Unknown

12/Feb/21 01:32

Injection Details

Injection Name:

Injection Type:

Calibration Level:

Instrument Method:

Processing Method:

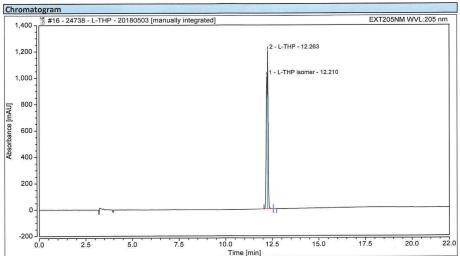
Injection Date/Time:

Vial Number:

#### **Chromatogram and Results** 24738 - L-THP - 20180503 Run Time (min): 10.00 Injection Volume: Channel: EXT205NM 200.0 Wavelength: oroxylin A purity method Bandwidth: 1.0000 Dilution Factor: L-THP purity processing

Sample Weight:

1.0000



	Time (rini)						
Integration Results							
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount µg/ml
1	L-THP isomer	12.210	60.738	1004.665	49.56	45.59	n.a.
2	L-THP	12.263	61.770	1198.583	50.40	54.38	n.a.
3		12.550	0.052	0.668	0.04	0.03	n.a.
Tota	I:		122.560	2203.916	100.00	100.00	

Page 4 of 6

## Corydalis Ambigua Extract (L-THP), Page 2



812 Meadowlark Lane, Goodlettsville, TN 37072 Telephone: 615-239-8604

#### Certificate of Analysis

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

Product Name	L-Tetrahydropalmatine	Product Lot Number	20180503
Report Date	07/30/2018	Laboratory Number	10608

Description	Method	Result
Identification	1H NMR	Conforms
Total Aerobic Count	Biolumix	<100 CFU/g
Yeast and Mold	Biolumix	<100 CFU/g
E. Coli	Biolumix	Absent
Salmonella	Biolumix	Absent
Coliform	Biolumix	Absent

Michael Robil

QA Auditor

07/30/18 07/30/2018 Date



812 Meadow Lark Lane, Godlettsville, TN 37072 Telephone: 615-239-8604

#### Certificate of Analysis

Nutrichem International Co., Ltd 17700 Castleton St. #583 Rowland Heights, CA 91748

Product Name L-Tetrahydropalmitine		Client Lot Number	20180503	
Report Date	06/21/18	Laboratory #	10424	

Test	Method	Result Positive 99.0% 0.002 ppm	
Identification	HPLC		
L-Tetrahydropalmitine	HPLC		
Lead	ICP-MS USP <730>		
Arsenic	ICP-MS USP <730>	<0.001 ppm	
Cadmium	ICP-MS USP <730>	0.002 ppm	
Mercury	ICP-MS USP <730>	0.034 ppm	

Collin Thomas Manager

Laboratory Manager

 $\frac{06/21/2018}{\text{Date}}$  6/21/2018

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## Melatonin, Page 1



### S & N LABS

2021 E. Fourth Street

Santa Ana, California 92705

(714) 543-2211

2 June 2021

Job Number:	25095b		
PO Number:	verbal		

Synaptent LLC 47 W. Polk Street #100-241 Chicago, Illinois 60605

#### REPORT OF ANALYSIS

One jar labeled "Melatonin #201107" was received on 1 June 2021. The powder in the jar was analyzed for purity using high pressure liquid chromatography (HPLC). The detector was set to 195nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
Melatonin #201107	99.4

The chromatogram is enclosed for your reference.

Neil E. Spingarn, Ph.D.

President

Instrument:Annex-2 Sequence:24877, 25087, 25088-ACP105, RAD140, M7-25 Purities

Page 1 of 1

Chromatogram and Results							
Injection Details							
Injection Name:	Melatonin #201107	Run Time (min):	20.00				
Vial Number:	BE6	Injection Volume:	10.00				
Injection Type:	Unknown	Channel:	UV VIS 1				
Calibration Level:		Wavelength:	195				
Instrument Method:	AD 250mm MaxRP 20min	Bandwidth:	5				
Processing Method:	Processing Method	Dilution Factor:	1.0000				
Injection Date/Time:	01/Jun/21 17:45	Sample Weight:	1.0000				

2,000 7 248	77, 25087, 2508	B-ACP105, RAD	0140, M7-25 Pu	rities #11 [manı	ually integrated]		UV_VIS_	1 WVL:195	nr
2,000									
1,750					1 - Melatonin - 8.8	53			
1,500									
1,250									
750									
750									
500									
250									
0				J	12 139-2 <b>81</b> 75290937				

Integration Results								
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount	
1 2 3 4	Melatonin 8.853 9.207 9.520 9.937		104.117 0.065 0.030 0.555	1731.338 1.097 0.655 4.904	99.38 0.06 0.03 0.53	99.62 0.06 0.04 0.28	n.a. n.a. n.a. n.a.	
Total	:		104.768	1737.995	100.00	100.00		

Chromeleon (c) Dionex Version 7.2.10.23925 Report Template/Integration

### Melatonin, Page 2



### eurofins | Eurofins Microbiology Laboratories (New Berlin)

Eurofins Microbiology Laboratories (New Berlin)

2345 S. 170th St. Wisconsin New Berlin, Wisconsin 53151 +1 262 754 5300 Micro-MKE@EurofinsUS.com

A2LA 3329.07

A2LA 3329.07

Synaptent

Joseph Watkins

ANALYTICAL REPORT

AR-21-QH-030281-01

1442 W. Fulton Street Chicago, IL 60607

Client Code: QH0000902 PO#: 201107

Received On: 01Jun2021 Reported On: 07Jun2021

Sample Registration Date: 01Jun2021 **Eurofins Sample Code:** 477-2021-06010095 Client Sample Code: 201107 Condition Upon Receipt: acceptable, 22.3°C

201107 Sample Description: Melatonin Sample Reference:

FS001 - Heavy Metals (As. Cd. Hg. and Reference Accreditation Completed Sub AOAC 2011.19 and 993.14 (modified) ISO/IEC 17025:2017 06Jun2021 A2LA 2918.01

Parameter Result Arsenic <10.0 ppb Cadmium <5.00 ppb <5.00 ppb Lead <5.00 ppb Mercury

UM8VD - Total Coliforms - CMMEF Reference Accreditation Completed CMMEF Chapter 9.933 02Jun2021 Chapter 9.933 ISO/IEC 17025:2017

Result Parameter Coliforms < 10 cfu/g **Parameter** Result Escherichia coli < 10 cfu/g

UMDTC - Salmonella species - AOAC-RI Reference Accreditation Completed 121501 AOAC-RI 121501 ISO/IEC 17025:2017 02Jun2021

Parameter Result

Salmonella Not Detected per 25 g

UMHBM - Staphylococcus aureus - BAM Reference Accreditation Completed BAM Chapter 12 Chapter 12 ISO/IEC 17025:2017 03Jun2021

A2LA 3329.07 Result

Parameter < 10 cfu/a Staphylococcus aureus

UMIB1 - Yeast - FDA BAM Chapter 18 Reference Completed FDA BAM Chapter 18 mod. mod. 06Jun2021

Synaptent

Joseph Watkins 1442 W. Fulton Street Chicago, IL 60607

ANALYTICAL REPORT

AR-21-QH-030281-01

Client Code: QH0000902 PO#: 201107

Received On: 01Jun2021 Reported On: 07Jun2021

Eurofins Sample Code: 477-2021-06010095 Sample Registration Date: 01Jun2021

Condition Upon Receipt: acceptable, 22.3°C Client Sample Code: 201107 Melatonin 201107 Sample Description: Sample Reference:

UMIB1 - Yeast - FDA BAM Chapter 18 Reference Completed FDA BAM Chapter 18 mod. 06Jun2021

Parameter Result Yeast < 10 cfu/g Parameter Result Moulds < 10 cfu/a

UMVSE - Aerobic Plate Count - CMMEF Reference Accreditation Completed CMMEF Chapter 8.72 03Jun2021 Chapter 8.72 ISO/IEC 17025:2017 A2LA 3329.07

Parameter Result Aerobic Plate Count < 10 cfu/g

Subcontracting partners:

1 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,

Michael Kaiser

Associate Technical Leader

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Page 1 of 2 Page 2 of 2 6/7/21 9:18 am 6/7/21 9:18 am