



Certificate of Analysis

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



Sleep Caps

Sleep Caps Blend

Material Lot #:	31902	Test Date:	01-27-2024
Country of Origin:	China / USA	Re-Test Date:	01-27-2027

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 (HPLC)	30%	Pass
Corydalis Ambigua Extract (L-THP)	30mg	L-THP (HPLC)	98%	Pass
Melatonin	1mg	Melatonin (LC-DAD)	99%	Pass

Sleep Caps Safety

Test	Specifications	Results
Lead	≤2 ppm	Pass
Mercury	≤0.5 ppm	Pass
Cadmium	≤0.5 ppm	Pass
Arsenic	≤2 ppm	Pass
Total Aerobic Plate Count	<10000 cfu/g	<10 cfu/g
Yeast	<500 cfu/g	<10 cfu/g
Moulds	<100 cfu/g	<10 cfu/g
Escherichia coli	<10 cfu/g	<10 cfu/g
Coliforms	<10 cfu/g	<10 cfu/g
Salmonella	Negative	Negative
Staphylococcus aureus	<10 cfu/g	<10 cfu/g

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 have a retesting period of 3 years from the date of analysis when properly stored.

Sleep Caps Safety



Microbiology

Eurofins Microbiology Laboratories (New Berlin)

2345 S. 170th St.
New Berlin, Wisconsin 53151
+1 262 727 6006
Micro-MKE@EurofinsUS.com

Synaptent

Client Code: QH0000902

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

ANALYTICAL REPORT

AR-24-QH-006012-01

Received On: 22Jan2024
Reported On: 27Jan2024

Eurofins Sample Code:	Sample Registration Date:	Client Sample Code:	Condition Upon Receipt:	Sample Description:	Sample Reference:
477-2024-01220053	22Jan2024	31902	acceptable, 20.6°C	Sleep Capsules	
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed	Sub	
Parameter	Result				
Arsenic	<10.0 ppb		26Jan2024	1	
Cadmium	<5.00 ppb				
Lead	<5.00 ppb				
Mercury	<5.00 ppb				
UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 23Jan2024		
Parameter	Result				
Salmonella spp.	Not Detected per 25 g				
UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 24Jan2024		
Parameter	Result				
Staphylococcus aureus	< 10 cfu/g				
UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 27Jan2024		
Parameter	Result				
Yeast	< 10 cfu/g				
Mold	< 10 cfu/g				
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 24Jan2024		
Parameter	Result				

Synaptent

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

ANALYTICAL REPORT

AR-24-QH-006012-01

Client Code: QH0000902

Received On: 22Jan2024
Reported On: 27Jan2024

Eurofins Sample Code:	Sample Registration Date:	Client Sample Code:	Condition Upon Receipt:	Sample Description:	Sample Reference:
477-2024-01220053	22Jan2024	31902	acceptable, 20.6°C	Sleep Capsules	
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 24Jan2024		

Parameter	Result	Reference	Completed
Aerobic Plate Count	< 10 cfu/g	CMMEF Chapter 8.72	24Jan2024
ZMKZR - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933		Completed 23Jan2024

Parameter	Result
Total Coliforms	< 10 cfu/g
E. coli	< 10 cfu/g

Subcontracting partners:

1 - Eurofins Food Chemistry Testing US Madison, Wisconsin

Respectfully Submitted,



Christine Gwinn
Associate Technical Leader

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Ascorbyl Palmitate



S & N LABS

2021 E. Fourth Street Santa Ana, California 92705 (714) 543-2211

16 July 2021

Job Number:	25149b
PO Number:	verbal

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

REPORT OF ANALYSIS

One blue container labeled "Ascorbyl Palmitate 181117374" was received on 17 June 2021. The material was analyzed for purity using high pressure liquid chromatography (HPLC). The detector was monitored at 242 nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
Ascorbyl Palmitate 181117374	98.9

The chromatogram is enclosed for your reference.

Neil E. Spingarn, Ph.D.
President



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

Certificate of Analysis

Synaptent LLC
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Chicago, IL 60654

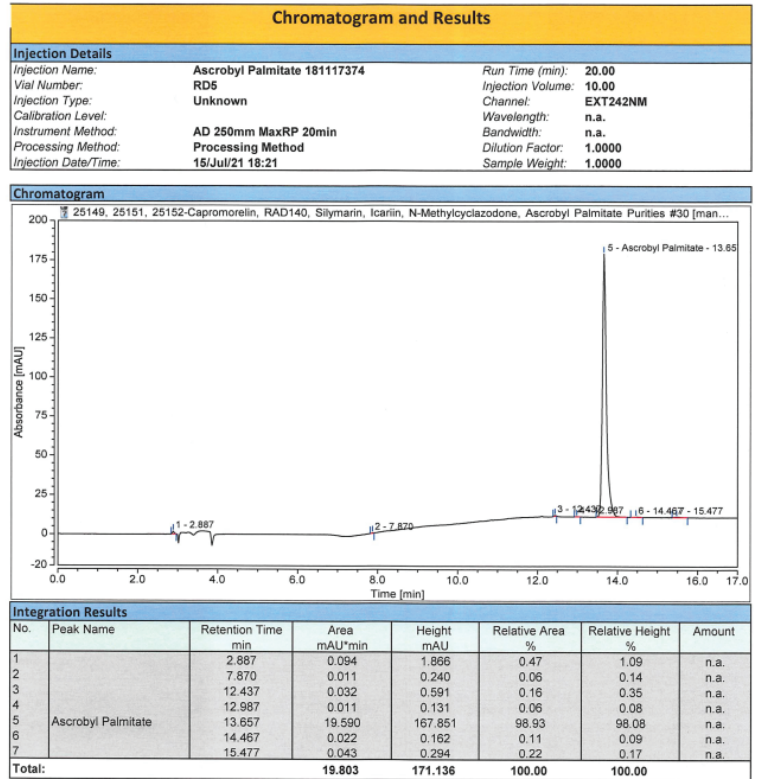
Product Name	Ascorbyl Palmitate	Client Lot Number	181117374
Report Date	11/01/19	Laboratory #	12958

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
Laboratory Manager

11/01/2019
Date



Melatonin



Quality Control Department
Synaptent LLC
47 W Polk St. #100-241
Chicago, IL 60605

Received: 09/27/23
Reported: 10/09/23
Project#: 26723
PO Number: Verbal

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REPORT OF ANALYSIS

One blue jar labeled "Melatonin 230506" was received 27 September 2023.

A portion of the powder was analyzed for purity using high-pressure liquid chromatography (HPLC) with ultraviolet (UV) detection at 198 nm. The chromatographic purity of the sample was found to be 99.3%.

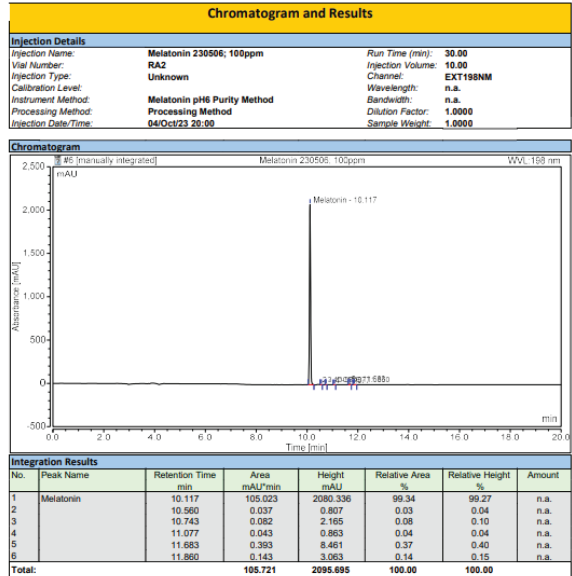
The chromatogram is enclosed for your reference.

Travis Moller, B.S.
Senior Scientist

| Eurofins S&N Special Analysis West | 2841 Dow Ave. Suite 200 | Tustin, California 92780 |
| Phone: (714) 543-2211 | www.eurofins.com | sn_project@ft.eurofins.com |

Instrument: Annex_2 Sequence: 20723-Melatonin pH6 Purity

Page 1 of 1



Report Template: Integration

Chromleon (c) Dionex
Version 7.2.10.27407



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Eurofins Microbiology Laboratories (New Berlin)

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Synaptent

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

ANALYTICAL REPORT

AR-23-QH-063285-01

Client Code: QH0000902
PO#: Synaptent

Received On: 26Sep2023
Reported On: 03Oct2023

Eurofins Sample Code:	477-2023-09260064	Sample Registration Date:	26Sep2023
Client Sample Code:	230506	Condition Upon Receipt:	acceptable, 21.6°C
Sample Description:	Melatonin	Sample Reference:	230506
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed Sub
Parameter	Result		
Arsenic	<10.0 ppb		
Cadmium	<5.00 ppb		
Lead	<5.00 ppb		
Mercury	<5.00 ppb		
UM5VD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 28Sep2023
Parameter	Result		
Total Coliforms	< 10 cfu/g		
E. coli	< 10 cfu/g		
UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 27Sep2023
Parameter	Result		
Salmonella spp.	Not Detected per 25 g		
UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 29Sep2023
Parameter	Result		
Staphylococcus aureus	< 10 cfu/g		
UMI81 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 01Oct2023
Parameter	Result		

Page 1 of 2

10/9/23 8:25 am

Synaptent

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

ANALYTICAL REPORT

AR-23-QH-063285-01

Client Code: QH0000902

PO#: Synaptent

Received On: 26Sep2023
Reported On: 03Oct2023

Eurofins Sample Code:	477-2023-09260064	Sample Registration Date:	26Sep2023
Client Sample Code:	230506	Condition Upon Receipt:	acceptable, 21.6°C
Sample Description:	Melatonin	Sample Reference:	230506
UMI81 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 01Oct2023
Parameter	Result		
Yeast	< 10 cfu/g		
Mold	< 10 cfu/g		
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 29Sep2023
Parameter	Result		
Aerobic Plate Count	< 10 cfu/g		

Subcontracting partners:

1 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,

Patricia Quinn
Analytical Services Manager



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10/9/23 8:25 am

L-THP



SN Special Analysis West

Quality Control Department
Synaptent LLC
47 W Polk St. #100-241
Chicago, IL 60605

Received: 09/12/23
Reported: 09/26/23
Project#: 26698
PO Number: Verbal

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REPORT OF ANALYSIS

One jar of powder labeled "L-THP 20230515" was received on 12 September 2023.

A portion of the powder inside the capsules was analyzed for purity using high-pressure liquid chromatography (HPLC) with ultraviolet (UV) detection at 205 nm. The chromatographic purity of the sample was found to be $\geq 99.9\%$.

The chromatogram is enclosed for your reference.

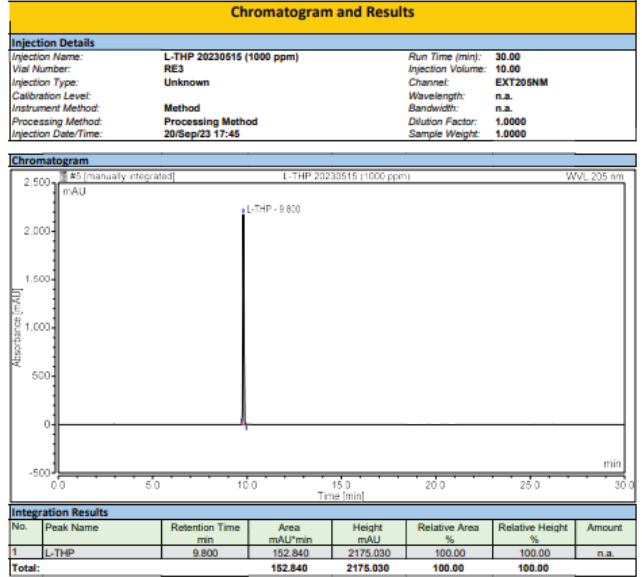
Jordan Farmer

Jordan Farmer, B.S.
Scientist

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Phone: (714) 543-2211 | www.eurofinsus.com | sn_project@ft.eurofinsus.com |

Instrument: Annex_2 Sequence: 26698 - L-THP Purity

Page 1 of 1



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Synaptent

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

ANALYTICAL REPORT

AR-23-QH-059655-01

Client Code: QH000902
PO#: 20230515

Received On: 11Sep2023
Reported On: 18Sep2023

Eurofins Sample Code:	477-2023-09110064	Sample Registration Date:	11Sep2023
Client Sample Code:	20230515	Condition Upon Receipt:	acceptable, 20.3°C
Sample Description:	L-Tetrahydropalmitine (L-THP)	Sample Reference:	
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed
Parameter	Result		Sub
Arsenic	<10.0 ppb		1
Cadmium	<5.00 ppb		
Lead	31.4 ppb		
Mercury	<5.00 ppb		
UMBVD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 15Sep2023
Parameter	Result		
Total Coliforms	< 10 cfu/g		
E. coli	< 10 cfu/g		
UMDTC - Salmonella species - AOAC-R1 121501	Reference AOAC-R1 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 12Sep2023
Parameter	Result		
Salmonella spp.	Not Detected per 25 g		
UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 15Sep2023
Parameter	Result		
Staphylococcus aureus	< 10 cfu/g		
UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 18Sep2023
Parameter	Result		

Report Template/Integration

Chromleon (s) Danex
Version 7.2.10.27407

Synaptent

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

ANALYTICAL REPORT

AR-23-QH-059655-01

Client Code: QH000902
PO#: 20230515

Received On: 11Sep2023
Reported On: 18Sep2023

Eurofins Sample Code:	477-2023-09110064	Sample Registration Date:	11Sep2023
Client Sample Code:	20230515	Condition Upon Receipt:	acceptable, 20.3°C
Sample Description:	L-Tetrahydropalmitine (L-THP)	Sample Reference:	
UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 18Sep2023
Parameter	Result		
Yeast	< 10 cfu/g		
Mold	< 10 cfu/g		
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 15Sep2023
Parameter	Result		
Aerobic Plate Count	< 10 cfu/g		

Subcontracting partners:
1 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,

Anthony Bichler

Anthony Bichler
Operations Supervisor



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Oleamide



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

Noah Morgan

Laboratory

10-25-2022



Colmaric Analyticals, LLC

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	Oleamide	Client Lot Number	0001487711
Report Date	12/21/19	Laboratory Number	13450

Test	Method	Result
Oleamide	HPLC	67.7%
Amide and Fatty acid content	HPLC	100.4%
Lead	ICP-MS USP <730>	0.007 ppm
Arsenic	ICP-MS USP <730>	<0.0001 ppm
Cadmium	ICP-MS USP <730>	0.010 ppm
Mercury	ICP-MS USP <730>	0.013 ppm
Total Aerobic count	Biolumix	<100 cfu/g
Yeast and Mold	Biolumix	<100 cfu/g
E. Coli	Biolumix	Negative
Coliform	Biolumix	<10 cfu/g
Salmonella	Biolumix	Negative

Collin Thomas
Laboratory Manager

12/21/2019 11/21/19
Date

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