



Certificate of Analysis

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

LiftNode

Baicalin Capsules

Scutellaria Baicalensis Extract

Material Lot #:	30056	Test Date:	09/22/2022
Country of Origin:	USA / China	Re-Test Date:	09/19/2025

Capsules Formula

Ingredient	mg/serving	Test/Method	Specification	Result
Baicalin	250mg	Baicalin (HPLC)	95%	Pass
Ascorbyl Palmitate (Vitamin C)	50mg	Ascorbyl Palmitate (HPLC)	98%	Pass

Capsules Safety

Test	Specification	Result	
Lead	≤0.5 ppm	0.224 ppm	Pass
Mercury	≤0.5 ppm	0.0908 ppm	Pass
Cadmium	≤0.5 ppm	<0.005 ppm	Pass
Arsenic	≤0.5 ppm	0.0749 ppm	Pass
Total Aerobic Plate Count	<1000 cfu/g	<10 cfu/g	Pass
Yeast	< 100 cfu/g	< 10 cfu/g	Pass
Mold	< 100 cfu/g	< 10 cfu/g	Pass
Escherichia coli	<10 cfu/g	<10 cfu/g	Pass
Coliforms	<10 cfu/g	<10 cfu/g	Pass
Salmonella	Negative	Negative	Pass
Staphylococcus aureus	<10 cfu/g	<10 cfu/g	Pass

Baicalin Capsules should be stored at or below room temperature in a tightly sealed durable container.
 Baicalin Capsules should be protected from excess heat, direct sunlight, excess humidity, and moisture.
 Baicalin Capsules have a retesting period of 3 years from the date of analysis when properly stored.

Baicalin Capsule Saftey



Eurofins Microbiology Laboratories (New Berlin)

Eurofins Microbiology Laboratories (New Berlin)

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+1 262 754 5300
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Synaptent

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

ANALYTICAL REPORT

AR-22-QH-055028-01

Client Code: QH0000902
PO#: 210208

Received On: 19Sep2022
Reported On: 26Sep2022

Eurofins Sample Code: 477-2022-09190033	Sample Registration Date: 19Sep2022
Client Sample Code: 30056	Condition Upon Receipt: acceptable, 19.8°C
Sample Description: Baicalin Capsules	Sample Reference:

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference	Accreditation	Completed	Sub
	AOAC 2011.19, 993.14 and 2015.01 (modified)		26Sep2022	1
Parameter	Result			
Arsenic	74.9 ppb			
Cadmium	<5.00 ppb			
Lead	224 ppb			
Mercury	90.8 ppb			

UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 20Sep2022
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Parameter	Result
Coliforms	< 10 cfu/g

Parameter	Result
Escherichia coli	< 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 20Sep2022
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Parameter	Result
Salmonella	Not Detected per 25 g

UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 21Sep2022
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Parameter	Result
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ANALYTICAL REPORT

AR-22-QH-055028-01

Client Code: QH0000902
PO#: 210208

Received On: 19Sep2022
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Eurofins Sample Code: 477-2022-09190033	Sample Registration Date: 19Sep2022
Client Sample Code: 30056	Condition Upon Receipt: acceptable, 19.8°C
Sample Description: Baicalin Capsules	Sample Reference:

UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 21Sep2022
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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 24Sep2022
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Parameter	Result
Yeast	< 10 cfu/g

Parameter	Result
Moulds	< 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 21Sep2022
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Parameter	Result
Aerobic Plate Count	< 10 cfu/g

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

Respectfully Submitted,

Bryan Dieckelman
Laboratory Operations Manager



Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofinsus.com/terms_and_conditions.pdf | v Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon request.

Baicalin, Page 1



7 September 2022

Job Number:	26182b
PO Number:	Verbal

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

REPORT OF ANALYSIS

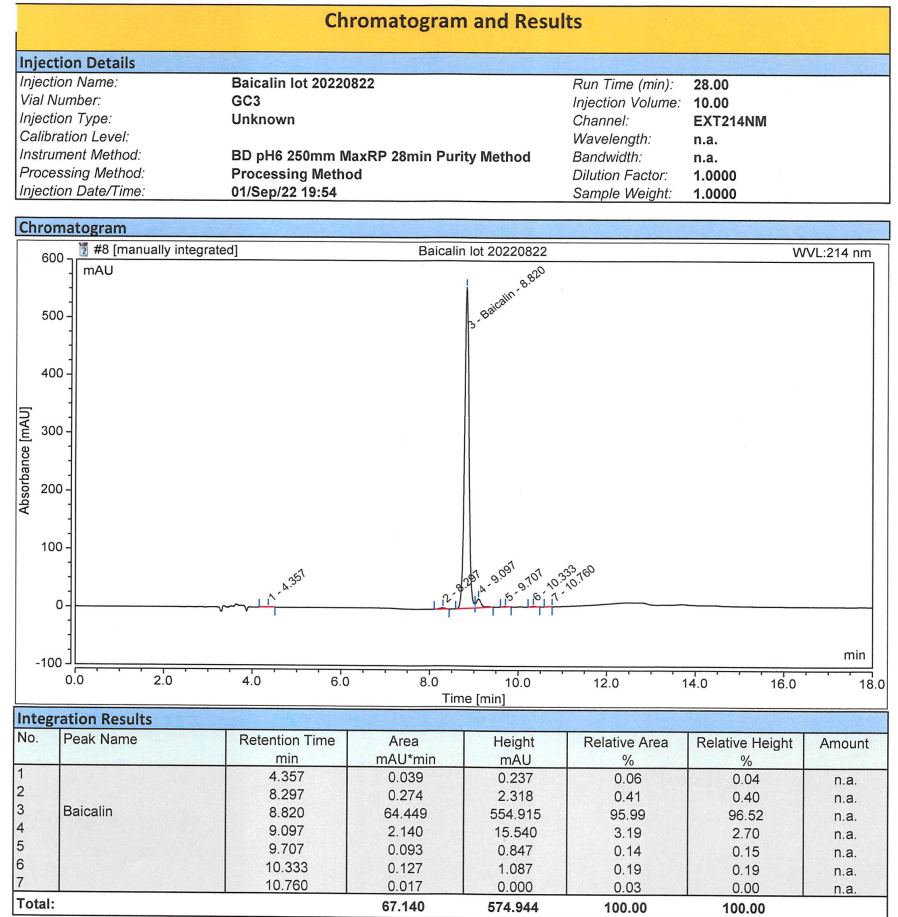
One blue container with powder labeled "Baicalin 20220822" was received on 29 August 2022. A portion of the powder from within the container was analyzed for purity using high pressure liquid chromatography (HPLC). Based on ultraviolet (UV) detection at 214 nm the chromatographic purity of the sample was found to be 96.0%.

The chromatogram is enclosed for your reference.

Chris French, PhD
Principal Scientist

Instrument:Annex-2 Sequence:26182- Baicalin, Icarin, and DiEi-Fencamfamin Purities

Page 1 of 2



Baicalin, Page 2



Eurofins Microbiology Laboratories (New Berlin)

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ANALYTICAL REPORT

AR-22-QH-051456-01

Client Code: QH0000902
PO#: 20220819

Received On: 26Aug2022
Reported On: 09Sep2022

Eurofins Sample Code: 477-2022-08260174	Sample Registration Date: 26Aug2022
Client Sample Code: 20220822	Condition Upon Receipt: acceptable, 19.7°C
Sample Description: Baicalin	Sample Reference:

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference	Accreditation	Completed	Sub
	AOAC 2011.19, 993.14 and 2015.01 (modified)		09Sep2022	1

Parameter	Result
Arsenic	116 ppb
Cadmium	<5.00 ppb
Lead	159 ppb
Mercury	127 ppb

UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference	Accreditation	Completed
	CMMEF Chapter 9.933	ISO/IEC 17025:2017 A2LA 3329.07	27Aug2022

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

UMDTC - Salmonella spp. - AOAC-RI 121501	Reference	Accreditation	Completed
	AOAC-RI 121501	ISO/IEC 17025:2017 A2LA 3329.07	27Aug2022

Parameter	Result
Salmonella	Not Detected per 25 g

UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference	Accreditation	Completed
	BAM Chapter 12	ISO/IEC 17025:2017 A2LA 3329.07	28Aug2022

Parameter	Result
Staphylococcus aureus	< 10 cfu/g

UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference	Accreditation	Completed
	FDA BAM Chapter 18 mod.	ISO/IEC 17025:2017 A2LA 3329.07	31Aug2022

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Quality Control Department (COA)
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Lincolnshire, IL 60069

ANALYTICAL REPORT

AR-22-QH-051456-01

Client Code: QH0000902
PO#: 20220819

Received On: 26Aug2022
Reported On: 09Sep2022

Eurofins Sample Code:	477-2022-08260174	Sample Registration Date:	26Aug2022
Client Sample Code:	20220822	Condition Upon Receipt:	acceptable, 19.7°C
Sample Description:	Baicalin	Sample Reference:	
UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 31Aug2022

Parameter	Result
Yeast	< 10 cfu/g

Parameter	Result
Moulds	< 10 cfu/g

UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference	Accreditation	Completed
	CMMEF Chapter 8.72	ISO/IEC 17025:2017 A2LA 3329.07	28Aug2022

Parameter	Result
Aerobic Plate Count	< 10 cfu/g

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

Respectfully Submitted,

Bryan Dieckelman
Laboratory Operations Manager



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Ascorbyl Palmitate (Vitamin C Ester), Page 1



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

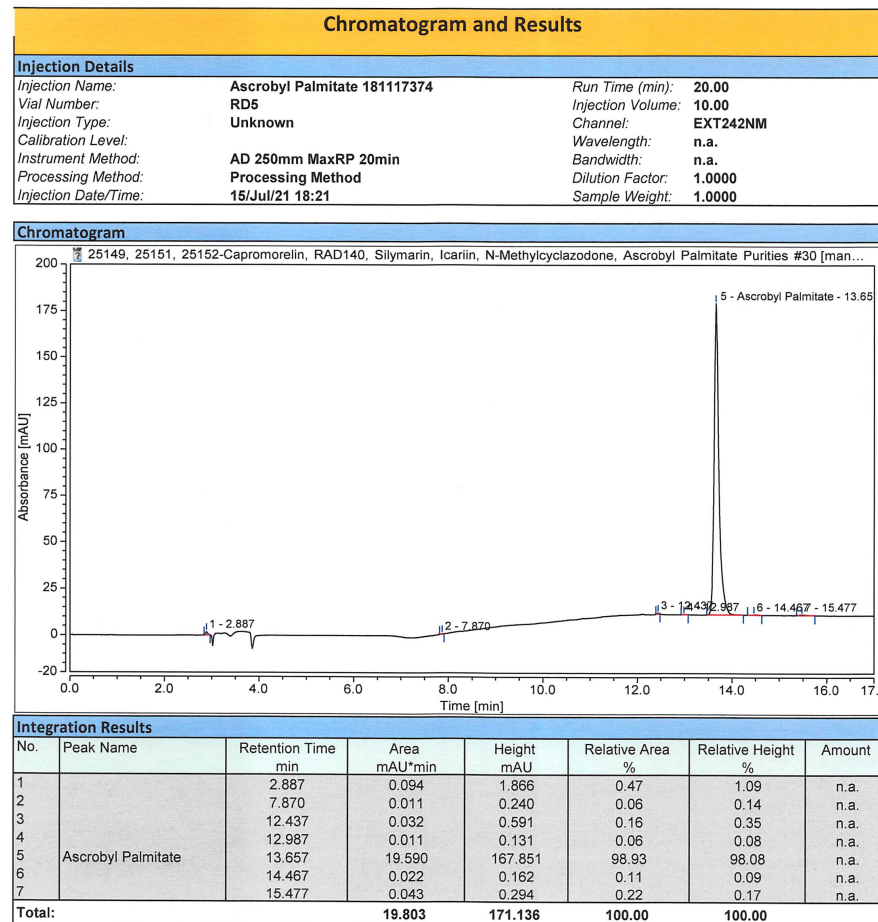
REPORT OF ANALYSIS

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. Spingam, Ph.D.
President



Ascorbyl Palmitate (Vitamin C Ester), 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 
Laboratory Manager

11/01/2019 
Date

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