

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

## Lift \\ode

# **Baicalin Powder**

Scutellaria Baicalensis Extract

Material Lot #: 20220822 Test Date: 09-01-2022

Country of Origin: China Re-Test Date: 08-29-2025

Analysis Claim Result

Baicalin ≥95% 96.0%

Test	Specification	Result
Baicalin (HPLC)	≥95%	96.0%
Lead Mercury Cadmium Arsenic	≤1.5ppm ≤0.5ppm ≤0.5ppm ≤1.5 ppm	0.0159 ppm 0.0127 ppm <0.005 ppm 0.0116 ppm
Total Aerobic Plate Count Yeast	<1000 cfu/g <100 cfu/g	<10 cfu/g <10 cfu/g
Moulds Escherichia coli Coliforms Salmonella	<100 cfu/g <10 cfu/g <10 cfu/g Negative	<10 cfu/g <10 cfu/g <10 cfu/g Negative
Staphylococcus aureus	<10 cfu/g	<10 cfu/g

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



### **Main Benefits**

- Baicalin is a phytochemical and bioflavonoid found in the Baikal Skullcap plant and has been used in Traditional Chinese Medicine (TCM) for hundreds of years.
- Baicalin is best known for its antioxidant and immune support properties, while also simultaneously supporting a healthy circulatory system.
- Anecdotally, some users report mild stress-reduction when taking this supplement.

### **Main Cautions**

- $\bullet$  Baicalin is considered likely safe for use at the suggested serving size.
- Do not use this supplement if you have any underlying medical conditions – especially bleeding disorders, diabetes, hormone-sensitive conditions, or low blood pressure. Avoid use for up to 2 weeks before surgery.
- Consult your physician before using Baicalin if you are taking any medication. Baicalin has not been tested for safety in pregnant or breastfeeding women

### **Usage Tips**

- A 0.625cc measuring scoop is included. One level scoop contains approximately one serving of approximately 250mg of Balcalin. As a dietary supplement, take 1-2 servings 1-3 times per day. Start at the lower suggested quantity to assess response.
- •The negative effects of Baicalin are dependent on the amount taken, so use of a scale with 10mg/0.1g accuracy or better is highly recommended.
- Use of capsules, or mixing with tea, yogurt, apple sauce, or oatmeal may help make the powder more tolerable.
- This supplement is not intended to treat, diagnose, prevent, or cure any diseases. Consult your healthcare provider before use if you have a medical condition or if you are taking any prescription medications.
- It is safe to stack Baicalin with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Baicalin are most effective when they are supported by a healthy diet and plenty of exercise.



#### **Eurofins Microbiology Laboratories (New Berlin)**

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Synaptent

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

### ANALYTICAL REPORT

Client Code: QH0000902 PO#: 20220819

Received On: 26Aug2022 Reported On: 09Sep2022 AR-22-QH-051456-01

Eurofins Sample Code: Client Sample Code: Sample Description:	477-2022-08260 20220822 Baicalin		on Date: 26Aug2022 eceipt: acceptable, 19.7°C	;	
FS001 - Heavy Metals (A Pb)	s, Cd, Hg, and	<b>Reference</b> AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed 09Sep2022	Sub 1
Parameter Arsenic		Result 116 ppb			
Cadmium		<5.00 ppb			
Lead		159 ppb			
Mercury		127 ppb			
UM8VD - Total Coliforms Chapter 9.933	- CMMEF	Reference CMMEF Chapter 9.933	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 27Aug2022	

Parameter	Result
Coliforms	< 10 cfu/g
Parameter	Result

Soliioiiiis	- 10 clu/g
Parameter	Result
Escherichia coli	< 10 cfu/g

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

Parameter	Result
Salmonella	Not Detected per 25 g

UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference	Accreditation	Completed
	BAM Chapter 12	ISO/IEC 17025:2017	28Aug2022
		A2LA 3320 07	

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

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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

9/9/22 8:23 am

Synaptent

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

#### ANALYTICAL REPORT

AR-22-QH-051456-01

Client Code: QH0000902 PO#: 20220819

Received On: 26Aug2022 Reported On: 09Sep2022

Eurofins Sample Code: Client Sample Code: Sample Description:	477-2022-08260 20220822 Baicalin	Con	nple Registration D ndition Upon Receip nple Reference:	ate: 26Aug2022 ot: acceptable, 19.7°C	
UMIB1 - Yeast - FDA BAN mod.	I Chapter 18	Reference FDA BAM Chapter 18	8 mod.		Completed 31Aug2022

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

UMVSE - Aerobic Plate Count - CMMEF	Reference	Accreditation	Completed
Chapter 8.72	CMMEF Chapter 8.72	ISO/IEC 17025:2017	28Aug2022
		A OL A 0000 07	

Result < 10 cfu/g Parameter Aerobic Plate Count

Subcontracting partners:

Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,



Bryan Dieckelman Laboratory Operations Manager

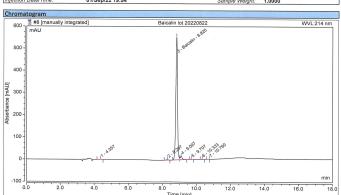
Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an 'As Received' basis unless otherwise stated. | Reports shall not be reproduced except in full without witten permission of Eurofins Scientific, linc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: <a href="https://www.eurofinsus.com/terms.and">www.eurofinsus.com/terms.and</a> conditions. <a href="https://www.eurofinsus.com/terms.and">www.eurofinsus.com/terms.and</a> conditions.

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9/9/22 8:23 an

Instrument:Annex-2 Sequence:26182-Baicalin, Icariin, and DiEt-Fencamfamin Purities

Chromatogram and Results							
Injection Details							
Injection Name:	Baicalin lot 20220822	Run Time (min):	28.00				
Vial Number:	GC3	Injection Volume:	10.00				
Injection Type:	Unknown	Channel:	EXT214NM				
Calibration Level:		Wavelength:	n.a.				
Instrument Method:	BD pH6 250mm MaxRP 28min Purity Method	Bandwidth:	n.a.				
Processing Method:	Processing Method	Dilution Factor:	1.0000				
Injection Date/Time:	01/Sep/22 19:54	Sample Weight:	1.0000				



_	Time [min]										
Integration Results											
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height	Amount				
1 2 3 4 5 6 7	Baicalin	4.357 8.297 8.820 9.097 9.707 10.333 10.760	0.039 0.274 64.449 2.140 0.093 0.127 0.017	0.237 2.318 554.915 15.540 0.847 1.087 0.000	0.06 0.41 95.99 3.19 0.14 0.19 0.03	0.04 0.40 96.52 2.70 0.15 0.19	n.a. n.a. n.a. n.a. n.a. n.a.				
Tota	l:		67.140	574.944	100.00	100.00	11.0.				

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