



# Certificate of Analysis

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## Baicalin Powder

**Scutellaria Baicalensis Extract**

Material Lot #: 20210217      Test Date: 03-14-2022  
Country of Origin: China      Re-Test Date: 03-11-2025

Analysis	Claim	Result
Baicalin	≥95%	97.3%

Test	Specification	Result
Baicalin (HPLC)	≥95%	%97.3
Lead	≤1.5ppm	1.40 ppm
Mercury	≤0.5ppm	0.304 ppm
Cadmium	≤0.5ppm	<0.005 ppm
Arsenic	≤1.5 ppm	0.0731 ppm
<b>Total Aerobic Plate Count</b>	<b>&lt;1000 cfu/g</b>	<b>&lt;10 cfu/g</b>
Yeast	<100 cfu/g	<10 cfu/g
Moulds	<100 cfu/g	10(est) 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

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.

### Baicalin (Skullcap Extract)



#### 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

- 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 Baicalin**. As a dietary supplement, take 1 serving 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.

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Synaptent

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**ANALYTICAL REPORT**

AR-22-QH-013833-01

Client Code: QH0000902  
PO#: 20210217

Received On: 08Mar2022  
Reported On: 14Mar2022

<b>Eurofins Sample Code:</b> 477-2022-03080162	<b>Sample Registration Date:</b> 08Mar2022
<b>Client Sample Code:</b> 20210217	<b>Condition Upon Receipt:</b> acceptable, 16.9°C
<b>Sample Description:</b> Baicalin	<b>Sample Reference:</b>

<b>FS001 - Heavy Metals (As, Cd, Hg, and Pb)</b>	<b>Reference</b> AOAC 2011.19 and 993.14 (modified)	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.01	<b>Completed</b> 14Mar2022	<b>Sub</b> 1
<b>Parameter</b>	<b>Result</b>			
Arsenic	73.1 ppb			
Cadmium	<5.00 ppb			
Lead	1,400 ppb			
Mercury	304 ppb			

<b>UM8VD - Total Coliforms - CMMEF Chapter 9.933</b>	<b>Reference</b> CMMEF Chapter 9.933	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	<b>Completed</b> 09Mar2022
<b>Parameter</b>	<b>Result</b>		
Coliforms	< 10 cfu/g		

<b>Parameter</b>	<b>Result</b>		
Escherichia coli	< 10 cfu/g		

<b>UMDTC - Salmonella spp. - AOAC-RI 121501</b>	<b>Reference</b> AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	<b>Completed</b> 09Mar2022
<b>Parameter</b>	<b>Result</b>		
Salmonella	Not Detected per 25 g		

<b>UMHBM - Staphylococcus aureus - BAM Chapter 12</b>	<b>Reference</b> BAM Chapter 12	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	<b>Completed</b> 10Mar2022
<b>Parameter</b>	<b>Result</b>		
Staphylococcus aureus	< 10 cfu/g		

<b>UMIB1 - Yeast - FDA BAM Chapter 18 mod.</b>	<b>Reference</b> FDA BAM Chapter 18 mod.	<b>Completed</b> 13Mar2022
<b>Parameter</b>	<b>Result</b>	
Yeast	< 10 cfu/g	
Moulds	10 (est) cfu/g	

<b>UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72</b>	<b>Reference</b> CMMEF Chapter 8.72	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	<b>Completed</b> 10Mar2022
<b>Parameter</b>	<b>Result</b>		
Aerobic Plate Count	< 10 cfu/g		

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

Respectfully Submitted,

*Aurey Ismaili*

Aurey Ismaili  
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.eurofins.com/terms\\_and\\_conditions.pdf](http://www.eurofins.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.



**S & N LABS**

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14 March 2022

Job Number:	25775
PO Number:	verbal

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**REPORT OF ANALYSIS**

One small jar labeled "Baicalin #20210217" was received on 9 March 2022. The contents of the jar were analyzed for purity using high pressure liquid chromatography (HPLC). The detector was set to 214nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
Baicalin #20210217	97.3

*Neil E. Spingam*  
Neil E. Spingam, Ph.D.  
President

