



# Certificate of Analysis

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LiftMode

## 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	≤1.5ppm	0.0159 ppm
Mercury	≤0.5ppm	0.0127 ppm
Cadmium	≤0.5ppm	<0.005 ppm
Arsenic	≤1.5 ppm	0.0116 ppm

Total Aerobic Plate Count	<1000 cfu/g	<10 cfu/g
Yeast	<100 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

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 **200mg of Baicalin**. 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.

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Synaptent

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**ANALYTICAL REPORT**

AR-22-QH-051456-01

Client Code: QH0000902

PO#: 20220819

Received On: 26Aug2022

Reported On: 09Sep2022

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

<b>Eurofins Sample Code:</b> 477-2022-08260174	<b>Sample Registration Date:</b> 26Aug2022
<b>Client Sample Code:</b> 20220822	<b>Condition Upon Receipt:</b> acceptable, 19.7°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, 993.14 and 2015.01 (modified)	<b>Accreditation</b>	<b>Completed</b> 09Sep2022	<b>Sub</b> 1
<b>Parameter</b>	<b>Result</b>			
Arsenic	116 ppb			
Cadmium	<5.00 ppb			
Lead	159 ppb			
Mercury	127 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> 27Aug2022
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<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> 27Aug2022
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<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> 28Aug2022
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<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>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	<b>Completed</b> 31Aug2022
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7 September 2022

Job Number:	26182b
PO Number:	Verbal

Synaptent LLC  
47 West Polk Street #100-241  
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**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

