



# Certificate of Analysis

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Chicago, IL 60605  
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LiftNode

## Magnolia Bark Extract

**Magnolia officinalis**

Material Lot #: 19041920      Test Date: 01-21-2022  
Country of Origin: China      Re-Test Date: 01-18-2025

Analysis	Claim	Result
Honokiol + Magnolol	≥95%	99.6%

Test	Specification	Result
Honokiol + Magnolol (HPLC)	≥95%	99.6%
Lead	≤0.5ppm	0.028 ppm
Mercury	≤0.5ppm	0.008 ppm
Cadmium	≤0.5ppm	0.005 ppm
Arsenic	≤0.5 ppm	<0.001 ppm
<b>Total Aerobic Plate Count</b>	<b>≤10000 cfu/g</b>	<b>10000 cfu/g</b>
Yeast	<100 cfu/g	<10 cfu/g
Moulds	<100 cfu/g	<10 cfu/g
Escherichia coli	<10 cfu/g	<10 cfu/g
Coliforms	≤100 cfu/g	100 cfu/g
Salmonella	Negative	Negative
Staphylococcus aureus	<10 cfu/g	<10 cfu/g

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

### Magnolia Bark Extract



### Main Benefits

- Magnolia Bark is an ancient traditional remedy from traditional Chinese medicine used for reducing stress, promoting a relaxed state of mind, and supporting a healthy mood.
- Magnolia Bark Extract contains the biphenols Magnolol and Honokiol, which are highly effective at reducing stress and promoting vitality.
- Today, researchers are exploring the effects of Magnolol and Honokiol on 5-HT serotonin receptors, on catecholamines, and on the GABAergic system.

### Main Cautions

- Side effects of Magnolia Bark Extract taken at the proper amount are minimal. Start at the lower suggested quantity to assess response.
- Magnolia Bark Extract may be unsafe to take during pregnancy. Do not use this supplement if you are pregnant.
- If you have any underlying medical conditions or are taking any medication, please speak to your doctor before using Magnolia Bark Extract.

### Usage Tips

- A 0.625cc (1/8th teaspoon) measuring scoop is included. One level scoop contains approximately one serving, or approximately **200 mg of Magnolia Bark Extract**. As a dietary supplement, take 1-3 servings 1 hour prior to desired sleep. Start at the lower suggested quantity to assess response.
- The negative effects of Magnolia Bark Extract are dependent on the amount taken, so use of a scale with 10mg/0.01g 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 Magnolia Bark Extract with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Magnolia Bark Extract 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-21-QH-066913-02  
Report Supersedes AR-21-QH-066913-01

Client Code: QH0000902  
PO#: 19041920

Received On: 30Nov2021  
Reported On: 21Jan2022

<b>Eurofins Sample Code:</b> 477-2021-11300146	<b>Sample Registration Date:</b> 30Nov2021
<b>Client Sample Code:</b> 19041920	<b>Condition Upon Receipt:</b> acceptable, 20.6°C
<b>Sample Description:</b> Latin name: Magnolia of icinalis Rehd.et Sample Reference: Wils.	

<b>M9028 - Botanical Identification - High Performance TLC</b>	<b>Reference</b> No Reference	<b>Completed</b> 09Dec2021	<b>Sub</b> 1
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<b>Parameter</b>	<b>Result</b>
Comments and Conclusions	See additional attachment
HPTLC Image - Visible, Derivatized	0,010,440,509.jpg
Method Reference	CDXA-TLCM-464-00
HPTLC Image - UV254	0,010,440,508.jpg
HPTLC Image - UV366	0,010,440,507.jpg

<b>M908C - Honokiol and Magnolol by HPLC</b>	<b>Reference</b> Internal method	<b>Completed</b> 21Jan2022	<b>Sub</b> 1
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<b>Parameter</b>	<b>Result</b>
Honokiol	512,000 µg/g
The retention time of the sample matches that of the reference standard	
Magnolol	484,000 µg/g
The retention time of the sample matches that of the reference standard	

<b>UMDTC - Salmonella species - AOAC-RI 121501</b>	<b>Reference</b> AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.07	<b>Completed</b> 01Dec2021
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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> 02Dec2021
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<b>Parameter</b>	<b>Result</b>
Staphylococcus aureus	< 10 cfu/g



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Telephone: 615-239-8604

**Certificate of Analysis**

Synaptent LLC  
47 W Polk Street, 100-241  
Chicago, IL 60654

<b>Product Name</b>	Magnolia Bark Extract	<b>Product Lot Number</b>	19041920
<b>Report Date</b>	06/05/2019	<b>Laboratory Number</b>	12077

Description	Method	Result
Identification	HPLC	Positive
Honokiol & Mangolol Assay	HPLC	96.5 %
Lead	ICP-MS	0.028 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	0.005 ppm
Mercury	ICP-MS	0.008 ppm

*Michael Robil*  
**Michael Robil**  
QA Auditor

06/05/19  
06/05/2019  
Date

The result(s) stated in this report is only for the sample submitted. This report may not be reproduced in whole or in part, nor may any reference be made to the work, the result, or the company in any news release, public announcements or advertising without our prior written consent.

Synaptent

Joseph Watkins  
1442 W. Fulton Street  
Chicago, IL 60607

**ANALYTICAL REPORT**

AR-21-QH-066913-02  
Report Supersedes AR-21-QH-066913-01

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PO#: 19041920

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<b>UMIB1 - Yeast - FDA BAM Chapter 18 mod.</b>	<b>Reference</b> FDA BAM Chapter 18 mod.	<b>Completed</b> 06Dec2021
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<b>Parameter</b>	<b>Result</b>
Yeast	< 10 cfu/g

<b>Parameter</b>	<b>Result</b>
Moulds	< 10 cfu/g

<b>UMQUI - Confirmation Total Coliforms - CMMEF Chapter 9.933</b>	<b>Reference</b> CMMEF Chapter 9.933	<b>Completed</b> 03Dec2021
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<b>Parameter</b>	<b>Result</b>
Coliforms	100 cfu/g

<b>Parameter</b>	<b>Result</b>
Escherichia coli	< 10 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> 02Dec2021
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<b>Parameter</b>	<b>Result</b>
Aerobic Plate Count	10,000 cfu/g

**Report Comment:**  
AR Update: Honokiol and Mandolol testing added per client request, 10/1s20

Subcontracting partners:  
1 - Eurofins Botanical Testing US Brea, CA

Respectfully Submitted,

*Anthony Bichler*

Anthony Bichler  
Operations Supervisor

