



# Certificate of Analysis

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LiftNode

## Magnolia Bark Extract

 **Magnolia officinalis**

Material Lot #:	20231011	Test Date:	12-21-2023
Country of Origin:	China	Re-Test Date:	12-07-2026

Analysis	Claim	Result
Honokiol + Magnolol	≥95%	98%

Test	Specification	Result
Honokiol + Magnolol (HPLC)	≥95%	98%
Lead	≤3 ppm	0.00654 ppm
Mercury	≤0.8 ppm	<0.005 ppm
Cadmium	≤0.8 ppm	<0.005 ppm
Arsenic	≤3 ppm	<0.01 ppm
<b>Total Aerobic Plate Count</b>	<b>&lt;10000 cfu/g</b>	<b>&lt;10 cfu/g</b>
Yeast	<500 cfu/g	<10 cfu/g
Moulds	<500 cfu/g	<10 cfu/g
Escherichia coli	<10 cfu/g	<10 cfu/g
Coliforms	<100 cfu/g	70 (est) 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.

#### 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 (1/8 teaspoon) measuring scoop is included. One level scoop contains approximately one serving, or approximately **200mg of Magnolia Bark Extract**. As a dietary supplement, take 1-3 servings up to 3 times per day. Start at the lower suggested quantity to assess response.
- The negative effects of Magnolia Bark Extract are dependent on the amount taken. 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 easier to tolerate.
- 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

Client Code: QH0000902

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

**ANALYTICAL REPORT**

AR-23-QH-080952-01

Received On: 08Dec2023  
Reported On: 21Dec2023

<b>Eurofins Sample Code:</b> 477-2023-12080061	<b>Sample Registration Date:</b> 08Dec2023			
<b>Client Sample Code:</b> 20231011	<b>Condition Upon Receipt:</b> acceptable, 19.5°C			
<b>Sample Description:</b> Magnolia Bark Extract	<b>Sample Reference:</b> 20231011			
<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> 17Dec2023	<b>Sub</b> 1
<b>Parameter</b>	<b>Result</b>			
Arsenic	<10.0 ppb			
Cadmium	<5.00 ppb			
Lead	6.54 ppb			
Mercury	<5.00 ppb			
<b>M908D - Honokiol</b>	<b>Reference</b> Internal method	<b>Accreditation</b>	<b>Completed</b> 21Dec2023	<b>Sub</b> 2
<b>Parameter</b>	<b>Result</b>			
Honokiol	494,000 µg/g			
<b>M908E - Magnolol</b>	<b>Reference</b> Internal method	<b>Accreditation</b>	<b>Completed</b> 21Dec2023	<b>Sub</b> 2
<b>Parameter</b>	<b>Result</b>			
Magnolol	486,000 µg/g			
<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> 09Dec2023	
<b>Parameter</b>	<b>Result</b>			
Salmonella spp.	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> 10Dec2023	
<b>Parameter</b>	<b>Result</b>			
Staphylococcus aureus	< 10 cfu/g			

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<b>Client Sample Code:</b> 20231011	<b>Condition Upon Receipt:</b> acceptable, 19.5°C		
<b>Sample Description:</b> Magnolia Bark Extract	<b>Sample Reference:</b> 20231011		
<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> 13Dec2023

<b>Parameter</b>	<b>Result</b>
Yeast	< 10 cfu/g
Mold	< 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> 10Dec2023
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<b>Parameter</b>	<b>Result</b>
Aerobic Plate Count	< 10 cfu/g

<b>ZMKZR - Total Coliforms - CMMEF Chapter 9.933</b>	<b>Reference</b> CMMEF Chapter 9.933	<b>Completed</b> 09Dec2023
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<b>Parameter</b>	<b>Result</b>
Total Coliforms	70 (est) cfu/g
E. coli	< 10 cfu/g

Subcontracting partners:

- 1 - Eurofins Food Chemistry Testing US Madison, Wisconsin
- 2 - Eurofins Botanical Testing US Brea, California

Respectfully Submitted,



Patricia Quinn  
Analytical Services Manager



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