



Certificate of Analysis

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



Magnolia Bark Extract

Magnolia officinalis

Material Lot #: 1060204Z95 Test Date: 09-22-2022
Country of Origin: China Re-Test Date: 09-19-2025

Analysis	Claim	Result
Honokiol + Magnolol	≥95%	100.7%

Test	Specification	Result
Honokiol + Magnolol (HPLC)	≥95%	100.7%
Lead	≤0.5ppm	0.0328 ppm
Mercury	≤0.5ppm	<0.005 ppm
Cadmium	≤0.5ppm	<0.005 ppm
Arsenic	≤0.5 ppm	<0.01 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

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 or 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, 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.



Eurofins Microbiology Laboratories (New Berlin)

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2345 S. 170th St.
New Berlin, Wisconsin 53151
+1 262 754 5300
Micro-MKE@EurofinsUS.com

Synaptent

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

ANALYTICAL REPORT

AR-22-QH-054045-02
Report Supersedes AR-22-QH-054045-01

Client Code: QH0000902
PO#: 1060204Z95

Received On: 14Sep2022
Reported On: 22Sep2022

Table with 5 columns: Eurofins Sample Code, Client Sample Code, Sample Description, Sample Registration Date, Condition Upon Receipt, Sample Reference. Row 1: 477-2022-09140078, 1060204Z95, Magnolia Bark Extract, 14Sep2022, acceptable, 19.4°C, Magnolia Bark Extract.

Table with 5 columns: Parameter, Reference, Accreditation, Completed, Sub. Row 1: FS001 - Heavy Metals (As, Cd, Hg, and Pb), AOAC 2011.19, 993.14 and 2015.01 (modified), A2LA 3329.07, 19Sep2022, 1.

Table with 5 columns: Parameter, Reference, Accreditation, Completed, Sub. Row 1: M908C - Honokiol and Magnolol by HPLC, Internal method, A2LA 3329.07, 22Sep2022, 2.

Table with 5 columns: Parameter, Reference, Accreditation, Completed. Row 1: UM8VD - Total Coliforms - CMMEF Chapter 9.933, CMMEF Chapter 9.933, ISO/IEC 17025:2017 A2LA 3329.07, 15Sep2022.

Table with 5 columns: Parameter, Reference, Accreditation, Completed. Row 1: Coliforms, < 10 cfu/g, ISO/IEC 17025:2017 A2LA 3329.07, 15Sep2022.

Table with 5 columns: Parameter, Reference, Accreditation, Completed. Row 1: UMDTC - Salmonella species - AOAC-RI 121501, AOAC-RI 121501, ISO/IEC 17025:2017 A2LA 3329.07, 15Sep2022.

Table with 5 columns: Parameter, Reference, Accreditation, Completed. Row 1: Salmonella, Not Detected per 25 g, ISO/IEC 17025:2017 A2LA 3329.07, 15Sep2022.

Table with 5 columns: Parameter, Reference, Accreditation, Completed. Row 1: UMHBM - Staphylococcus aureus - BAM Chapter 12, BAM Chapter 12, ISO/IEC 17025:2017 A2LA 3329.07, 16Sep2022.

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Table with 5 columns: Parameter, Reference, Accreditation, Completed. Row 1: UMIB1 - Yeast - FDA BAM Chapter 18 mod., FDA BAM Chapter 18 mod., ISO/IEC 17025:2017 A2LA 3329.07, 19Sep2022.

Table with 5 columns: Parameter, Reference, Accreditation, Completed. Row 1: UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72, CMMEF Chapter 8.72, ISO/IEC 17025:2017 A2LA 3329.07, 16Sep2022.

Subcontracting partners:
1 - Eurofins Food Chemistry Testing US Madison, WI
2 - Eurofins Botanical Testing US Brea, California

Respectfully Submitted,

Handwritten signature of Patricia Quinn

Patricia Quinn
Associate Project Manager I



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