




Certificate of Analysis

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

LiftMode

Honokiol

 (3',5-Di(prop-2-en-1-yl)[1,1'-biphenyl]-2,4'-diol)

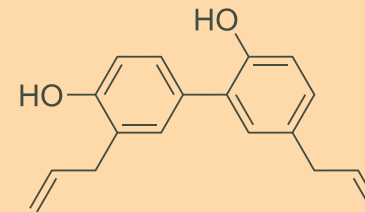
Material Lot #: 202000321HP Test Date: 08/03/2021
Country of Origin: China Re-Test Date: 08/02/2024

Analysis	Claim	Result
Honokiol	≥98%	>99.9%

Test	Specification	Result
Honokiol (HPLC)	≥98%	>99.9%
Lead	≤0.5ppm	<0.005 ppm
Mercury	≤0.5ppm	<0.005 ppm
Cadmium	≤0.5ppm	<0.005 ppm
Arsenic	≤0.5 ppm	<0.010 ppm
Total Aerobic Plate Count	<10 cfu/g	<10 cfu/g
Yeast	<10 cfu/g	<10 cfu/g
Moulds	<10 cfu/g	<10 cfu/g
Escherichia coli	<10 cfu/g	<10 cfu/g
Coliforms	<10 cfu/g	<10 cfu/g
Salmonella	Negative	Not Detected per 25 g
Staphylococcus aureus	<10 cfu/g	<10 cfu/g

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

Honokiol



Main Benefits

- Honokiol can be used to promote brain health, circulatory system health, anti-inflammation, and a healthy mood.
- Studies indicate that Honokiol may also promote healthy levels of apoptosis while also promoting kidney health.
- Honokiol has also been found to be an effective antimicrobial and to promote oral health.

Main Cautions

- Excessive amounts of Honokiol may cause increased bleeding and can even lead to neurotoxicity.
- We strongly advise that you do not exceed the recommended serving size.
- Do not use this supplement without first consulting with your doctor if you are taking any medication or have any medical condition.

Usage Tips

- A 0.15 cc measuring scoop is included. One rounded scoop contains approximately one serving, or approximately **100mg of Honokiol**. As a dietary supplement, take 1 serving 1-2 times per day. Start at the lower suggested quantity to assess response.
- The negative effects of Honokiol 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 Honokiol with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Honokiol are most effective when they are supported by a healthy diet and plenty of exercise.



S & N LABS

2021 E. Fourth Street

Santa Ana, California 92705

(714) 543-2211

4 August 2021

Job Number: 25285c
PO Number: verbal

Synapient LLC
47 West Polk Street #100-241
Chicago, Illinois 60605

REPORT OF ANALYSIS

One packet labeled "Honokiol ≥98% Batch 202000321HP" was received on 2 August 2021. The material was analyzed for purity using high pressure liquid chromatography (HPLC). The detector was set to 255nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
Honokiol ≥98% Batch 202000321HP	> 99.9

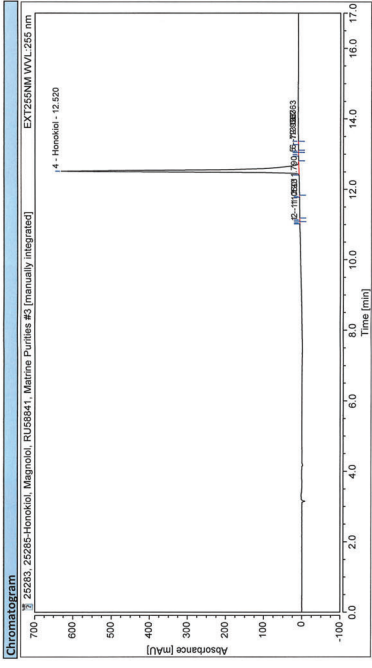
The chromatogram is enclosed for your reference.

Neil E. Spingarn, Ph.D.
President

Chromatogram and Results

Injection Details

Injection Name: Honokiol Batch: 202000321HP Run Time (min): 20.00
 Vial Number: GD2 Injection Volume: 10.00
 Container Type: Unknown
 Container Label: EXT126NM
 Processing Method: AD 250nm MaxRP 20min
 Instrument Method: Processing Method: n.a.
 Processing Method: Processing Method: n.a.
 Dilution Factor: 1.0000
 Injection Date/Time: 02/Aug/21 17:43 Sample Weight: 1.0000



No.	Peak Name	Retention Time (min)	Area (mAU*min)	Height (mAU)	Relative Area (%)	Relative Height (%)	Amount
1		11.133	0.04	0.06	0.00	0.00	n.a.
2		11.133	0.004	0.085	0.00	0.02	n.a.
3		11.730	0.001	0.022	0.00	0.00	n.a.
4	Honokiol	12.520	42.266	621.891	99.97	99.96	n.a.
5		12.993	0.004	0.073	0.01	0.01	n.a.
6		13.087	0.001	0.032	0.00	0.01	n.a.
7		13.953	0.002	0.000	0.00	0.00	n.a.
Total:				42.279	92.2165	100.00	100.00

Report Template: Integration

Chromatogram (1) Shows
Version: 1.0, 10/20/2005

Synapient

Joseph Watkins
1442 W. Fulton Street
Chicago, IL 60607

Client Code: OH0000902

ANALYTICAL REPORT

AR-21-OH-050003-01

PO#: 20210726
Received On: 03Sep2021
Reported On: 14Sep2021

Synapient

Joseph Watkins
1442 W. Fulton Street
Chicago, IL 60607

ANALYTICAL REPORT

AR-21-OH-050003-01

Client Code: OH0000902
PO#: 20210726
Received On: 03Sep2021
Reported On: 14Sep2021

Eurofins Sample Code: 477-2021-09030104		Sample Registration Date: 03Sep2021	
Client Sample Code: 012011069M		Condition Upon Receipt: acceptable, 21°C	
Sample Description: Magnolol	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 06Sep2021
Parameter Staphylococcus aureus	Result < 10 cfu/g		
UM181 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.		Completed 06Sep2021
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 05Sep2021
Parameter Aerobic Plate Count	Result < 10 cfu/g		
Eurofins Sample Code: 477-2021-09030105		Sample Registration Date: 03Sep2021	
Client Sample Code: 202000321HP		Condition Upon Receipt: acceptable, 21°C	
Sample Description: Honokiol (Pb)	Reference AOAC 2011.19 and 993.14 (modified)	Accreditation ISO/IEC 17025:2017 AZLA 2918.01	Completed 14Sep2021
Parameter Arsenic	Result <10.0 ppb		
Parameter Cadmium	Result <5.00 ppb		
Parameter Lead	Result <5.00 ppb		
Parameter Mercury	Result <5.00 ppb		
UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 04Sep2021
Parameter Coliforms	Result < 10 cfu/g		
Parameter Escherichia coli	Result < 10 cfu/g		

Eurofins Sample Code: 477-2021-09030105		Sample Registration Date: 03Sep2021	
Client Sample Code: 202000321HP		Condition Upon Receipt: acceptable, 21°C	
Sample Description: Honokiol	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 04Sep2021
Parameter Salmonella	Result Not Detected per 25 g		
UM18M - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 05Sep2021
Parameter Staphylococcus aureus	Result < 10 cfu/g		
UM181 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.		Completed 08Sep2021
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		
Eurofins Sample Code: 477-2021-09030105		Sample Registration Date: 03Sep2021	
Client Sample Code: 202000321HP		Condition Upon Receipt: acceptable, 21°C	
Sample Description: Honokiol	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 04Sep2021
Parameter Salmonella	Result Not Detected per 25 g		
UM18M - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 05Sep2021
Parameter Staphylococcus aureus	Result < 10 cfu/g		
UM181 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.		Completed 08Sep2021
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		
Eurofins Sample Code: 477-2021-09030105		Sample Registration Date: 03Sep2021	
Client Sample Code: 202000321HP		Condition Upon Receipt: acceptable, 21°C	
Sample Description: Honokiol	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 04Sep2021
Parameter Salmonella	Result Not Detected per 25 g		
UM18M - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 05Sep2021
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Eurofins Sample Code: 477-2021-09030105		Sample Registration Date: 03Sep2021	
Client Sample Code: 202000321HP		Condition Upon Receipt: acceptable, 21°C	
Sample Description: Honokiol	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 04Sep2021
Parameter Salmonella	Result Not Detected per 25 g		
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Eurofins Sample Code: 477-2021-09030105		Sample Registration Date: 03Sep2021	
Client Sample Code: 202000321HP		Condition Upon Receipt: acceptable, 21°C	
Sample Description: Honokiol	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 04Sep2021
Parameter Salmonella	Result Not Detected per 25 g		
UM18M - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 AZLA 3329.07	Completed 05Sep2021
Parameter Staphylococcus aureus	Result < 10 cfu/g		
UM181 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.		Completed 08Sep2021
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		

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

Respectfully Submitted,

Michael Kaiser
Associate Technical Leader

