

LIFTMODE

LIFTMODE
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CERTIFICATE OF ANALYSIS

Dihydromyricetin

(Ampelopsin)

Material Lot #: 190604
Country of Origin: China

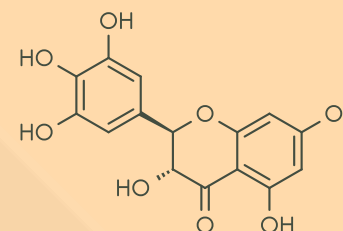
Manufacturer Analysis Date: 06/04/2019
Analysis Date: 02/10/2020
Retesting Date: 02/10/2023

Analysis	Claim	Result
Dihydromyricetin	98%	100.6%

Test	Specification	Result
H-NMR ID	Conforms	Conforms
HPLC Assay	≥98%	100.6%
Arsenic	≤1.5 ppm	1.364 ppm
Lead	≤0.5 ppm	0.101 ppm
Cadmium	≤0.5 ppm	<0.0001 ppm
Mercury	≤3 ppm	0.005 ppm
Total Aerobic Count	<1,000 cfu/g	Conforms
Yeast & Mold	<100 cfu/g	Conforms
E.coli	Negative	Conforms
Salmonella	Negative	Conforms
Coliform	<10 cfu/g	Conforms

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

DHM Dihydromyricetin



Main Benefits

- DHM has been found to be a powerful anti-inflammatory in its ability to regulate genes relating to inflammation and inhibit inflammation in HeLa cells.
- Studies indicate that DHM may also show promise in promoting healthy levels of apoptosis.
- DHM has also been found to effectively reduce alcohol related hangovers and promote a healthy metabolism while simultaneously holding effective neuroprotective properties.

Main Cautions

- DHM is generally recognized as safe when taken as a dietary supplement. Rat studies with doses of up to 22g/1kg body weight failed to find any side-effects.
- Using the HED ratio, the safe upper limit dosage for DHM would be 15.68g for a 70kg person. However 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 0.625 cc measuring scoop is included. One rounded scoop contains approximately one serving, or approximately **400mg of DHM**. As a dietary supplement, take 1 serving 1-2 times per day. Start at the lower suggested quantity to assess response.
- 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.
- The negative effects of DHM are dependent on the amount taken. Use of a scale with 10mg/0.01g accuracy or better is highly recommended.
- It is safe to stack DHM with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- Use of capsules, or mixing with tea, yogurt, apple sauce, or oatmeal may help make the powder easier to tolerate.
- The benefits of DHM are most effective when they are supported by a healthy diet and plenty of exercise.



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 Telephone: 615-239-8604

Certificate of Analysis

Synaptent LLC
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 Chicago, IL 60654

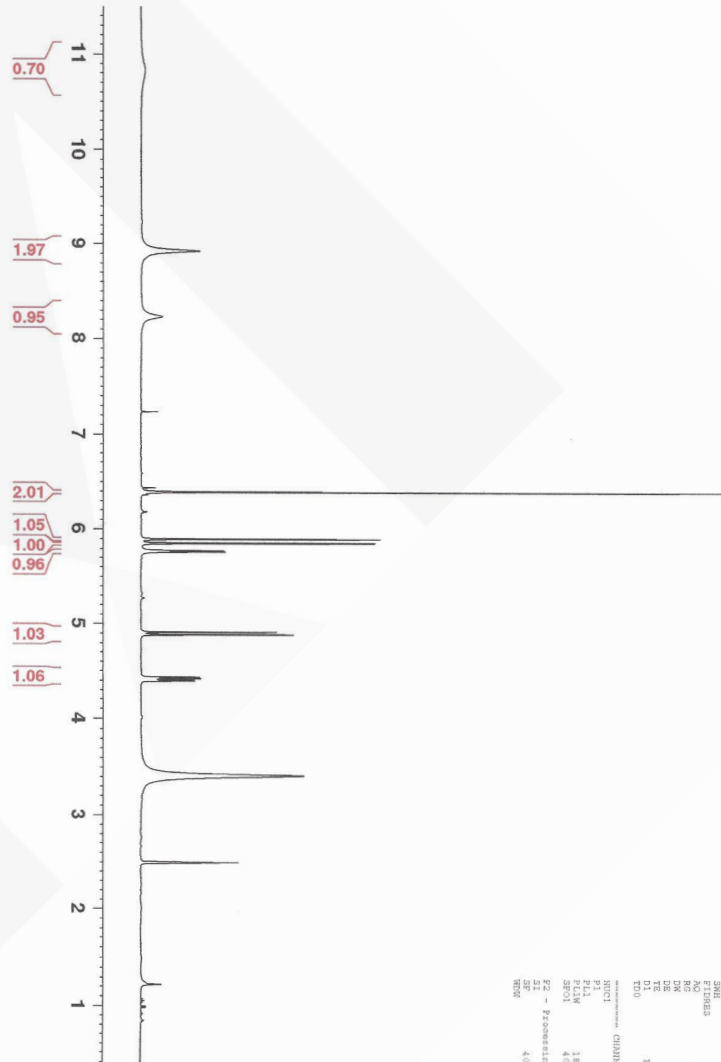
Product Name	Dihyromyricetin	Client Lot Number	190604
Report Date	02/10/20	Laboratory Number	13625

Test	Method	Result
Identification	H-NMR	Conforms
Assay	HPLC	100.6%
Lead	ICP-MS USP <730>	0.101 ppm
Arsenic	ICP-MS USP <730>	1.364 ppm
Cadmium	ICP-MS USP <730>	<0.0001 ppm
Mercury	ICP-MS USP <730>	0.005 ppm
Total Aerobic count	Biolumix	<1, 000 cfu/g
Yeast and Mold	Biolumix	<100 cfu/g
E. Coli	Biolumix	Negative
Coliform	Biolumix	<10 cfu/g
Salmonella	Biolumix	Negative

Collin Thomas *CT*
 Laboratory Manager

02/10/2020 *2/10/20*
 Date

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1H NMR of Dihyromyricetin
 in DMSO
 Lot #13625
 Colmaric Analytical
 400 MHz
 01-24-20

Client Data
 EXPNO 2
 PROCNO 1
 F2 - Acqfile
 F3 - Acqfile
 INSTNAME
 INSTITUTE
 FIDRES 5
 FIDRES2
 TO
 SOLVENT
 NSI
 NSI2
 SSB
 VEVOL
 TE
 TD
 TD0
 1
 18
 40
 40
 40