



Certificate of Analysis

47 W Polk St. STE 100-241
Chicago, IL 60605
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LiftMode

Icariin

(Epimedium P.E. 98%)

Material Lot #: 171010 Test Date: 20-06-2022
Country of Origin: China Re-Test Date: 17-06-2025

Analysis Claim Result

Icariin ≥98% 96.9%*

Test Specification Result

Test	Specification	Result
Icariin (HPLC)	≥98%	%96.9
Lead	≤0.5ppm	0.053 ppm
Mercury	≤0.5ppm	<0.001 ppm
Cadmium	≤0.5ppm	0.090 ppm
Arsenic	≤0.5 ppm	0.101 ppm
Total Aerobic Plate Count	<1000 cfu/g	<100 cfu/g
Yeast & Moulds	<100 cfu/g	<100 cfu/g
Moulds	<100 cfu/g	<10 cfu/g
Escherichia coli	Negative	Negative
Coliforms	<10 cfu/g	<10 cfu/g
Salmonella	Negative	Negative

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

*Icariin HPLC results are within acceptable +/-2% margin of error.



Icariin

Main Benefits

Icariin is a phytochemical found in Horny Goat Weed, is primarily grown in China. Also known as Yin Yang Huo, this plant has a long history of use for sexual health.

Benefits include supporting a healthy libido, and offer support for bones and cartilage, and supporting a healthy metabolism.

Overall, Horny Goat Weed extract can be recommended for both men and women who are looking for a powerful aphrodisiac supplement.

Main Cautions

- Side effects have been researched thoroughly and it has been found that moderate use of Horny Goat extracts very rarely results in negative side effects.
- At larger servings, possible side effects may include dizziness, dry mouth, thirstiness and nausea.
- Icariin may be unsafe for pregnant women and people with bleeding disorders, low blood pressure or hormone sensitive cancers.

Usage Tips

A 0.15 cc measuring scoop is included. One rounded scoop contains approximately one serving, or approximately **50mg of Icariin**. As a dietary supplement, take 1-4 servings 1-2 times per day. Start at the lower suggested quantity to assess response.

The negative effects of Icariin are dependent on the amount taken. Use of a scale with 10mg/0.01g accuracy or better is highly recommended.

Given the potency, Icariin can be very bitter and astringent. 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 Icariin with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Icariin are most effective when they are supported by a healthy diet and plenty of exercise.

24 June 2022

Job Number: 26026a
PO Number: verbal

Synaptent LLC
47 W. Polk Street #100-241
Chicago, Illinois 60605

REPORT OF ANALYSIS

One small jar labeled "Icariin 98% #171010" was received on 16 June 2022. The contents of the jar were analyzed for purity using high pressure liquid chromatography (HPLC). The detector was set to 195nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
Icariin 98% #171010	96.9

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Certificate of Analysis

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

Product Name	Icariins	Client Lot Number	171010
Report Date	01/03/18	Laboratory #	9674

Test	Method	Result
Assay	CA-081 (HPLC)	99.7%
Lead	ICP-MS USP <730>	0.053 ppm
Arsenic	ICP-MS USP <730>	0.101 ppm
Cadmium	ICP-MS USP <730>	0.090 ppm
Mercury	ICP-MS USP <730>	<0.001 ppm
Total Aerobic Count	Biolumix	<100 CFU/G
Yeast and Mold	Biolumix	<100 CFU/G
Salmonella	Biolumix	Negative
E. Coli	Biolumix	Negative
Coliform	Biolumix	<10 CFU/G

Collin Thomas
Collin Thomas
Laboratory Manager

01/03/2018 1/3/18
Date

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