



Certificate of Analysis

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

Tetrahydroharmine (THH)

🍃 (±) Tetrahydroharmine Freebase

Material Lot #: 20220725 Test Date: 10-26-2022
Country of Origin: China Re-Test Date: 10-23-2025

Analysis

Claim

Result

Tetrahydroharmine

≥98%

98.6%

Test

Specification

Result

Tetrahydroharmine (HPLC)	≥98%	98.6%
Lead	≤0.5ppm	0.106 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

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

Tetrahydroharmine (THH)



Main Benefits

- Tetrahydroharmine (THH) is a compound found in the plant *Banisteriopsis caapi*. Our Tetrahydroharmine is racemic (±)-Tetrahydroharmine, consisting of both the (+) and (-) optical isomers.
- (±)-Tetrahydroharmine is a mild serotonin reuptake inhibitor and one isomer may also have weak reversible MAOI properties, and thus may boost mood and increase energy.
- Modern science has further corroborated the unique nootropic, antioxidant, neuroprotective, neurogenesis, cognition, and mood-enhancing properties of THH.

Main Cautions

- Tetrahydroharmine acts both as a mild SRI and possibly a weak MAOI, making it incompatible with many pharmaceutical medications, including prescription antidepressants.
- It is strongly advised to use a high degree of caution if combining THH with psychoactive compounds or prescription medicines due to the risk of serotonin syndrome or metabolic interactions.
- Consult your physician before using Tetrahydroharmine if you are taking any medication. Tetrahydroharmine has not been tested for safety in pregnant or breastfeeding women.

Usage Tips

- A 0.15cc measuring scoop is included. One rounded scoop contains approximately one serving of approximately **50mg of Tetrahydroharmine**. As a nootropic compound, take 1 serving up to 2 times per day. Start at the lower suggested quantity to assess response.
- Use of a scale with 10mg/0.1g accuracy or better is highly recommended for reliable measurement.
- Do not mix Tetrahydroharmine with other compounds that act on serotonin or other monoamines.
- Like related harmala β-carbolines, Tetrahydroharmine glows under a blacklight. Store the compound away from
- 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 Tetrahydroharmine (THH) with other **non-monoaminergic supplements**, as long as the amount consumed does not exceed the suggested serving size.
- The nootropic benefits of Tetrahydroharmine are most effective when they are supported by a healthy diet and plenty of exercise.

ANALYTICAL REPORT

AR-22-QH-063391-01

Eurofins Sample Code: 477-2022-10240041	Sample Registration Date: 24Oct2022
Client Sample Code: 20220725	Condition Upon Receipt: acceptable, 19.9°C
Sample Description: Tetrahydroharmine (THH)	Sample Reference:
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)
Parameter	Result
Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	106 ppb
Mercury	<5.00 ppb
UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933
Parameter	Result
Coliforms	< 10 cfu/g
Parameter	Result
Escherichia coli	< 10 cfu/g
UMDTC - Salmonella species - AOAC-R1 121501	Reference AOAC-R1 121501
Parameter	Result
Salmonella	Not Detected per 25 g
UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12
Parameter	Result
Staphylococcus aureus	< 10 cfu/g

11 November 2022

Job Number:	26264a
PO Number:	Verbal

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

REPORT OF ANALYSIS

One container with powder labeled "TETRAHYDROHARMINE 20220725" was received on 25 October 2022. A portion of the powder from within the container was analyzed for purity using high pressure liquid chromatography (HPLC). Based on ultraviolet (UV) detection at 224 nm the chromatographic purity of the sample was found to be 98.6%.

The chromatogram is enclosed for your reference.

Chris French, PhD
Principal Scientist

ANALYTICAL REPORT

AR-22-QH-063391-01

Eurofins Sample Code: 477-2022-10240041	Sample Registration Date: 24Oct2022
Client Sample Code: 20220725	Condition Upon Receipt: acceptable, 19.9°C
Sample Description: Tetrahydroharmine (THH)	Sample Reference:
UMI1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.
Parameter	Result
Yeast	< 10 cfu/g
Parameter	Result
Moulds	< 10 cfu/g
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72
Parameter	Result
Aerobic Plate Count	< 10 cfu/g

Subcontracting partners:

1 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,

Patricia Quinn
Associate Project Manager I


Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofins.com/terms_and_conditions.pdf | √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon request.

