



Certificate of Analysis

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



Kava Extract Powder

Piper Methysticum CO2 Root Extract

Material Lot #:	CKW-C-A302840	Test Date:	09-29-2023
Country of Origin:	Vanuatu	Re-Test Date:	09-27-2026

Analysis	Claim	Result
Kavalactones	≥30%	32%

Test	Specification	Result
Kavalactones (HPLC)	≥30%	32%
Lead	≤1 ppm	0.00555 ppm
Mercury	≤0.3 ppm	<0.005 ppm
Cadmium	≤0.3 ppm	<0.005 ppm
Arsenic	≤1 ppm	<0.01 ppm
Total Aerobic Plate Count	<10000 cfu/g	20 (est) cfu/g
Yeast	<500 cfu/g	<10 cfu/g
Moulds	<500 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

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

Kava Extract Powder 30% Kavalactones



Main Benefits

- Kava (Piper methysticum, or "intoxicating pepper") is a pepper cultivated for its root throughout many Polynesian cultures.
- While the mechanism is not well understood, some studies suggest the active Kavalactones enhance GABAergic activity and increase monoamine concentration in the brain.
- Kava is consumed socially and ceremonially and is thought to have a reverse tolerance. It is sought after for its mood-boosting and relaxing effects.

Main Cautions

- Do not combine Kava extract with alcoholic beverages or other sedative / hypnotic substances or medicines.
- Taking Kava Extract on an empty stomach with fats and lecithin may result in stronger effects.
- Consult your healthcare provider before use if you have a medical condition or if you are taking any prescription medications. Not for use by those under the age of 18, nor by pregnant or nursing people.

Usage Tips

- A 1.0cc measuring scoop is included. One rounded scoop contains approximately one serving of **500mg Kava Extract**. As a dietary supplement, take 1 serving up to 2 times per day as needed with or without food. Please start with the lowest suggested single serving quantity to assess response.
- Although there are no known negative side effects attributed to Kava Extract, liver stress has been noted in cases of heavy and sustained use. While our extract has been carefully sourced and processed to minimize liver-stressing flavokavains A and B, moderation is still recommended when enjoying our Kava.
- Kava Extract may gain efficacy with continued use. A reverse tolerance should be factored into doses under repeated use.
- 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 Kava Extract with other non-sedating/non hypnotic supplements as long as the amount consumed does not exceed the suggested serving size.
- The benefits of Kava Extract are most effective when they are supported by a healthy diet and plenty of exercise.

Eurofins Microbiology Laboratories (New Berlin)

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-23-QH-064035-01

Client Code: QH0000902
Received On: 29Sep2023
Reported On: 06Oct2023

Eurofins Sample Code:	477-2023-09290238	Sample Registration Date:	29Sep2023
Client Sample Code:	CKW-C-A302840	Condition Upon Receipt:	acceptable, 21.4°C
Sample Description:	Kava Extract Powder 30%	Sample Reference:	CKW-C-A302840
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed Sub 06Oct2023 1
Parameter	Result		
Arsenic	<10.0 ppb		
Cadmium	<5.00 ppb		
Lead	5.55 ppb		
Mercury	<5.00 ppb		
UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 30Sep2023
Parameter	Result		
Salmonella spp.	Not Detected per 25 g		
UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 01Oct2023
Parameter	Result		
Staphylococcus aureus	< 10 cfu/g		
UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 04Oct2023
Parameter	Result		
Yeast	< 10 cfu/g		
Mold	< 10 cfu/g		
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 01Oct2023
Parameter	Result		

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

ANALYTICAL REPORT
AR-23-QH-064035-01

Client Code: QH0000902
Received On: 29Sep2023
Reported On: 06Oct2023

Eurofins Sample Code:	477-2023-09290238	Sample Registration Date:	29Sep2023
Client Sample Code:	CKW-C-A302840	Condition Upon Receipt:	acceptable, 21.4°C
Sample Description:	Kava Extract Powder 30%	Sample Reference:	CKW-C-A302840
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 01Oct2023

Parameter	Result
Aerobic Plate Count	20 (est) cfu/g

ZMKZR - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	Completed 30Sep2023
---	----------------------------------	------------------------

Parameter	Result
Total Coliforms	< 10 cfu/g
E. coli	< 10 cfu/g

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

Respectfully Submitted,

Patricia Quinn
Analytical Services Manager



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.



Intertek Champaign Laboratories
711 Parkland Ct.
Champaign, IL 61821

Tel +1 217-352-6060
intertek.com/food/Champaign
champaignlabs@intertek.com

Report of Analysis

Synaptent LLC

Attn: adam@synaptent.com
425 Barclay Boulevard
Lincolnshire, IL 60069

Control Number: 092923-1500
Product Name: Kava Extract Powder 30%
Received On: 09-29-2023
Lot Number: CKW-C-A302840

Analysis Performed	Method	Specification	Result with Units
Kava Lactones	CM-SJ-001	30 %	32%

Comments:
All work at Intertek Champaign Laboratories is conducted under the auspices of a rigorous Quality Management System; however, the data presented with a CM method in this report was generated using a method obtained from the client. Intertek makes no claims to the applicability of the data or if the method is scientifically valid. The client is solely responsible for determining whether the information provided in this report is suitable for the intended application.

Authorized By

Doug Nickelson

Quality Manager

10-10-2023
Page 1 of 1