(321) 802 - 4583 labreports@kavadepot.com

CERTIFICATE OF ANALYSIS

GENERAL	INFORMATION
GENERAL	INFURIVIATION

Lot Number	VSSC2504-TR5	Best By Date	May-28
Product Name Lot Number	Traditional	Manufacture Date	May-25
Sample Number	S2247	Country of Processing	USA
Report Date	6-May-2025	Country of Origin	Vanuatu

PHYSICAL & CHEMICAL

Identification	Piper methysticum	Complies	HPLC
Appearance	Beige to Yellow Powder	Complies	Organoleptic
Kavalactone Standard	2-17 % Kavalactones	8.19%	HPLC
Kavalactone Profile	Noble	Pass	HPLC
Chemotype	If # 5 is in 1st or 2nd in Abundance	245361	HPLC
K/DHM	> 1.2 for Noble	1.9	Calculation

HEAVY METALS

	Nesuies		
NMT 1,000 (ppb)*	26.5	ppb	FDA EAM 4.7
NMT 1,000 (ppb)*	445	ppb	FDA EAM 4.7
NMT 1,000 (ppb)*	47	ppb	FDA EAM 4.7
NMT 1,000 (ppb)*	< 10	ppb	FDA EAM 4.7
	NMT 1,000 (ppb)* NMT 1,000 (ppb)*	NMT 1,000 (ppb)* 26.5 NMT 1,000 (ppb)* 445 NMT 1,000 (ppb)* 47	NMT 1,000 (ppb)* 26.5 ppb NMT 1,000 (ppb)* 445 ppb NMT 1,000 (ppb)* 47 ppb

Heavy Metals Action Limits Based on Maximum PDE at 5% Kavalactones. Results May Exceed 1,000 ppb action limit with higher kavalactone contents

MICROBIOLOGICAL

AEROBIC PLATE COUNT	NMT 10,000,000 cfu	15,100	cfu/10g	USP 2022
E. COLI	ABSENT (cfu/10g)	Negative	cfu/10g	USP 2022
LISTERIA MONOCYTOGENES	ABSENT (cfu/10g)	Negative	cfu / 10 g	AOAC 2004.02
PSEUDOMONAS AERUGINOSA	ABSENT (cfu/10g)	Negative	cfu / 10 g	USP 2022
SALMONELLA	ABSENT (cfu/10g)	Negative	cfu/10g	USP 2022
STAPHYLOCOCCUS AUREUS	ABSENT (cfu/10g)	Negative	cfu / 10 g	USP 2022
YEAST	AULET 400 000 of 1/5 out broad	< 10	cfu / 10 g	ATAL VIII
MOLD	NMT 100,000 cfu (Combined)	530	cfu / 10 g	USP 2022
TOTAL YEAST & MOLD	NMT 100,000 cfu (Combined)	540	cfu/10g	
		TO THE PARTY OF TH		

cfu/g = Colony Forming Units Per Gram

NMT = No More Than PDE = Permitted Daily Exposure

Analysis Performed by a Third-Party Laboratory

We are dedicated to offer the best quality of botanical products on the market. We test and stand behind our products.

Disclaimer * The test results are accurate to the best of our knowledge and are based upon reputable laboratory and industry standard testing methods.

These results should not be used as a final determination for use in a finished product. It is recommended that you verify these test results with an in-house quality control department or obtain an additional independent third-party lab to verify that this material meets specifications.

Kava Republic, its board of directors, contract laboratories, employees, and affiliates are held harmless from any loss or damages resulting from the use or misuse of this document. The appropriate use of this product is the sole responsibility of the user of the purchasing party.

Authorized By (Name / Title): Jony Sabeh | Manager Signature: Juy

Botany Evolution LLC

2510 Kirby Circle NE Palm Bay, FL 32905 321-802-4583

Certificate Of Analysis

Sample Identification Information

Date of Analysis 5/6/2025

Sample: S2247

Product Name TRADITIONAL

Lot# VSSC2504-TR5

Country of Origin

VANUATU

Country of Processing

Manufacture Date

May-25

USA

Best By Date

May-28

General Product Specifications

Product Species Piper Methysticum

Part Used Root

Common Names

Kava kava, Awa, Yagona

Appearance

Yellow, Brown, beige powder

Analyzed Characteristics

Standardization

Identification

Kavalactone Profile

Mesh Size

Color

Odor Taste

Chemotype

K/DHM

Specification

2-17% Kavalactones

Complies by HPLC

Noble 60-30

Beige to Yellow

TUDEI < 1.2 > NOBLE

Resul **Test Method**

8.19%

Conform

PASS

60

Pass

Pass

Pass

245361

HPLC

HPLC

HPLC

Sieve

Visual

Organoleptic

Organoleptic

HPLC

Calculation

Kavalactones	Code	Peaks Ref. (elution order)	Correction Factor	Area *	Area %	Corrected Kavalactones	Chemotype Identifier
Standard Kavain	K			2339.823			
Methysticin	M	1	0 2.21	604.959	8.75%	0.79%	6
Dihydromethysticin	DHM	2	3.38	549.421	7.95%	1.10%	5
Kavain	K	3	1	3555.316	51.45%	2.11%	4
Dihydrokavain	DHK	4	3.48	1233.632	17.85%	2.54%	2
Desmethoxyyangonin	DMY	5	2.52	386.931	5.60%	0.58%	1
Yangonin	Υ	6	3.12	579.739	8.39%	1.07%	3
Kavalactones			Total:	6909.998	100.00%	8.19%	245361

^{*}See data in attachment HPLC1100 Agilent Certificate with Chromatogram graph.

use or misuse of this document. The appropriate use of this product is the sole responsibility of the user of the purchasing party.

Chemist

Date

This result are in house tested and the best of our knowledge and experience. Using calibrated equipment.

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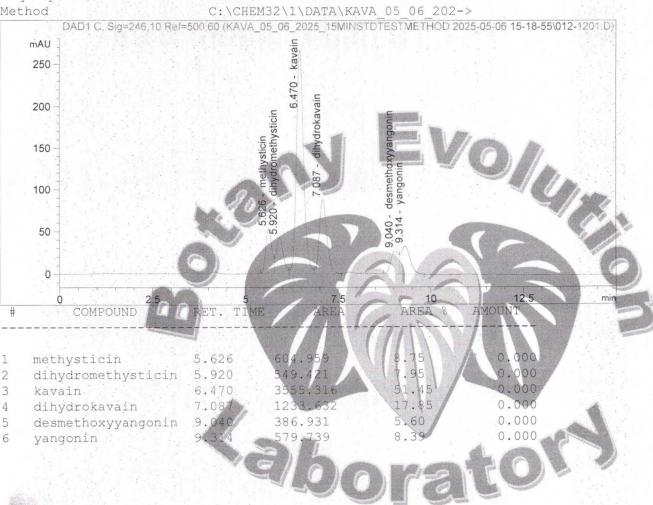
Kavalactone Analysis

SAMPLE S2247 Vial 12

0.75570g/50mL

wavelength 246 nm
C:\CHEM32\1\DATA\KAVA_05_06_2025_15MINSTDTESTMETHOD 2025-05-06 15-18-55\01->
SEQUENCE C:\CHEM32\1\DATA\KAVA_05_06_2025_ ->
Injection date 5/6/2025

Injection date 5/6/2025
Injection time 7:22:13 PM
Acq. operator KRISTL



5/2/25