labreports@kavadepot.com
(321) 802 - 4583

2510 Kirby Circle NE Suite 110, Palm Bay, FL 32905

Certificate Of Analysis

Sample Identification Information

Date of Analysis	7/16/2026	**Country of Origin**	Vanuatu
Sample	S2440	**Country of Processing**	USA
Product Name	Traditional	**Manufacture Date**	Jul-26
Lot#	VSC2606TR07	**Best By Date**	Jul-29

General Product Specifications

Product Species	Piper Methysticum	**Common Names**	Kava kava, Awa, Yagona
Part Used	Root	**Appearance**	Yellow, Brown, beige powder

Analyzed Characteristics	Specification	Result	Test Method
Standardization	2-90% Kavalactones	7.16%	HPLC
Identification	Complies by HPLC	Conform	HPLC
Kavalactone Profile	Noble	PASS	HPLC
Mesh Size	60-30	60	Sieve
Color	Beige	Pass	Visual
Odor		Pass	Organoleptic
Taste		Pass	Organoleptic
Chemotype		245361	HPLC
K/DHM	TUDEI < 1.2 < NOBLE	1.6	Calculation

Kavalactones	Code	Peaks Ref. (elution order)	Correction Factor	Area *	Area %	Corrected Kavalactones	Chemotype Identifier
Standard Kavain	K			2671.914			
Methysticin	M	1	2.21	646.307	9.64%	0.74%	6
Dihydromethysticin	DHM	2	3.38	599.478	8.94%	1.06%	5
Kavain	K	3	1	3279.294	48.90%	1.71%	4
Dihydrokavain	DHK	4	3.48	1202.641	17.93%	2.18%	2
Desmethoxyyangonin	DMY	5	2.52	412.06	6.14%	0.54%	1
Yangonin	Y	6	3.12	566.595	8.45%	0.92%	3
Kavalactones			**Total:**	**6706.375**	**100.00%**	**7.16%**	**245361**

Chemist Hazim Bensari Date 7/17/26

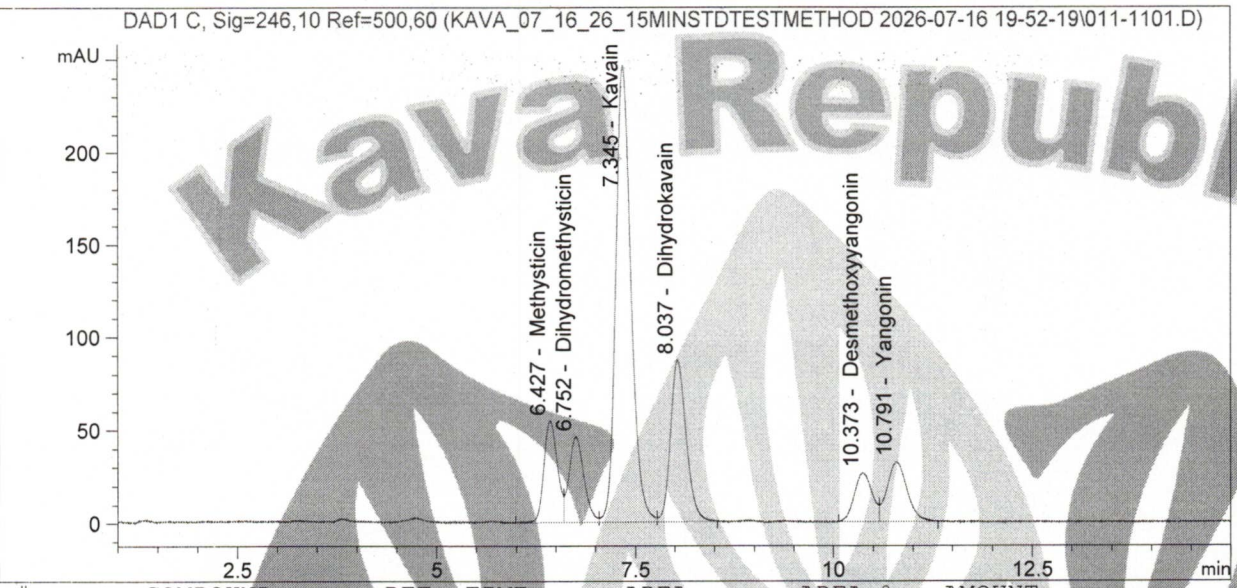
KAVA Republic Inc.
2510 Kirby Circle NE
Palm Bay, FL 32945
321-802-4583

Kavalactone Analysis

SAMPLE S2440
Vial 11

0.75219g/50mL

wavelength 246 nm
C:\CHEM32\1\DATA\KAVA_07_16_26_15MINSTDTESTMETHOD 2026-07-16 19-52-19\011-->
SEQUENCE C:\CHEM32\1\DATA\KAVA_07_16_26_ ->
Injection date 7/17/2026
Injection time 3:57:56 AM
Acq. operator Marjan
Method C:\Chem32\1\METHODS\SLOWFLOW.M



#	COMPOUND	RET. TIME	AREA	AREA %	AMOUNT
1	Methysticin	6.427	646.307	9.64	0.001
2	Dihydromethysticin	6.752	599.478	8.94	0.001
3	Kavain	7.345	3279.294	48.90	0.000
4	Dihydrokavain	8.037	1202.641	17.93	0.002
5	Desmethoxyyangonin	10.373	412.060	6.14	0.001
6	Yangonin	10.791	566.595	8.45	0.001

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CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Report Date	7/16/2026	**Country of Origin**	Vanuatu
Sample Number	S2440	**Country of Processing**	USA
Product Name	Traditional	**Manufacture Date**	Jul-26
Lot Number	VSC2606TR07	**Best By Date**	Jul-29

ITEM	SPECIFICATION	TEST RESULTS	METHOD
PHYSICAL & CHEMICAL			
Identification	**Piper methysticum**	**Complies**	**HPLC**
Appearance	**Beige to Yellow Powder**	**Complies**	**Organoleptic**
Kavalactone Standard	**2-17 % Kavalactones**	7.16%	**HPLC**
Kavalactone Profile	**Noble**	**Pass**	**HPLC**
Chemotype	**If # 5 is in 1st or 2nd in Abundance**	245361	**HPLC**
K/DHM	**> 1.2 for Noble**	1.6	**Calculation**

HEAVY METALS

		Results		
Arsenic (As)	**NMT 1,000 (ppb)***	32	ppb	**FDA EAM 4.7**
Cadmium (Cd)	**NMT 1,000 (ppb)***	275	ppb	**FDA EAM 4.7**
Lead (Pb)	**NMT 1,000 (ppb)***	90	ppb	**FDA EAM 4.7**
Mercury (Hg)	**NMT 1,000 (ppb)***	10	ppb	**FDA EAM 4.7**

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

MICROBIOLOGICAL

		Results		
AEROBIC PLATE COUNT	**NMT 10,000,000 cfu**	12,333	cfu / 10 g	**USP 2021**
E. COLI	**ABSENT (cfu/10g)**	Absent	cfu / 10 g	**USP 2022**
LISTERIA MONOCYTOGENES	**ABSENT (cfu/10g)**	Absent	cfu / 10 g	**USP 2022**
PSEUDOMONAS AERUGINOSA	**ABSENT (cfu/10g)**	Absent	cfu / 10 g	**USP 2022**
SALMONELLA	**ABSENT (cfu/10g)**	Absent	cfu / 10 g	**USP 2022**
STAPHYLOCOCCUS AUREUS	**ABSENT (cfu/10g)**	Absent	cfu / 10 g	**USP 2022**
YEAST	**NMT 100,000 cfu (Combined)**	3,200	cfu / 10 g	
MOLD		2,400	cfu / 10 g	**USP 2021**
TOTAL YEAST & MOLD	**NMT 100,000 cfu (Combined)**	5,600	cfu / 10 g	

cfu/g = Colony Forming Units Per Gram NMT = No More Than PDE = Permitted Daily Exposure PPB = Parts Per Billion

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.

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Completed By: Troy Schl Title: Manager Date: 07/17/2026