



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

Certificate Of Analysis

Sample Identification Information

Date of Analysis	4/14/2026	Country of Origin	Fiji
Sample	S2383	Country of Processing	USA
Product Name	Gwaka	Manufacture Date	Apr-26
Lot#	FLK2604GW04	Best By Date	Apr-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	2-17% Kavalactones	5.94%	HPLC
Identification	Complies by HPLC	Conform	HPLC
Kavalactone Profile	Noble	PASS	HPLC
Mesh Size	60-30	60	Sieve
Color	Beige to Yellow	Pass	Visual
Odor		Pass	Organoleptic
Taste		Pass	Organoleptic
Chemotype		426531	HPLC
K/DHM	TUDEI < 1.2 < NOBLE	1.4	Calculation

Kavalactones	Code	Peaks Ref. (elution order)	Correctio n Factor	Area *	Area %	Corrected Kavalactones	Chemotype Identifier
Standard Kavain	K			2584.081			
Methysticin	M	1	2.21	901.786	16.53%	1.08%	6
Dihydromethysticin	DHM	2	3.38	532.246	9.75%	0.97%	5
Kavain	K	3	1	2585.026	47.37%	1.40%	4
Dihydrokavain	DHK	4	3.48	733.353	13.44%	1.38%	2
Desmethoxyyangonin	DMY	5	2.52	213.88	3.92%	0.29%	1
Yangonin	Y	6	3.12	490.287	8.99%	0.83%	3
Kavalactones			Total:	5456.578	100.00%	5.94%	426531

This report reflects Laboratory results obtained at the time of analysis using standard testing methods and calibrated equipment. While care has been taken to ensure accuracy, these results are provided for informational purposes only. The purchaser and end user are solely responsible for proper use, dosage, and handling of this. Kava Republic Inc. shall not be held liable for any adverse effects, misuse, or overconsumption resulting from its use. Independent third-party verification is recommended where necessary.

Chemist *Myra Roman*

Date *4/15/26*

SAMPLE S2383
Vial 12

0.75080g/50mL

wavelength 246 nm

Path: \CHEM32\1\DATA\KAVA_04_14_2026_15MINSTDTESTMETHOD 2026-04-14 16-43-53\01->
SEQUENCE C:\CHEM32\1\DATA\KAVA_04_14_2026_ ->

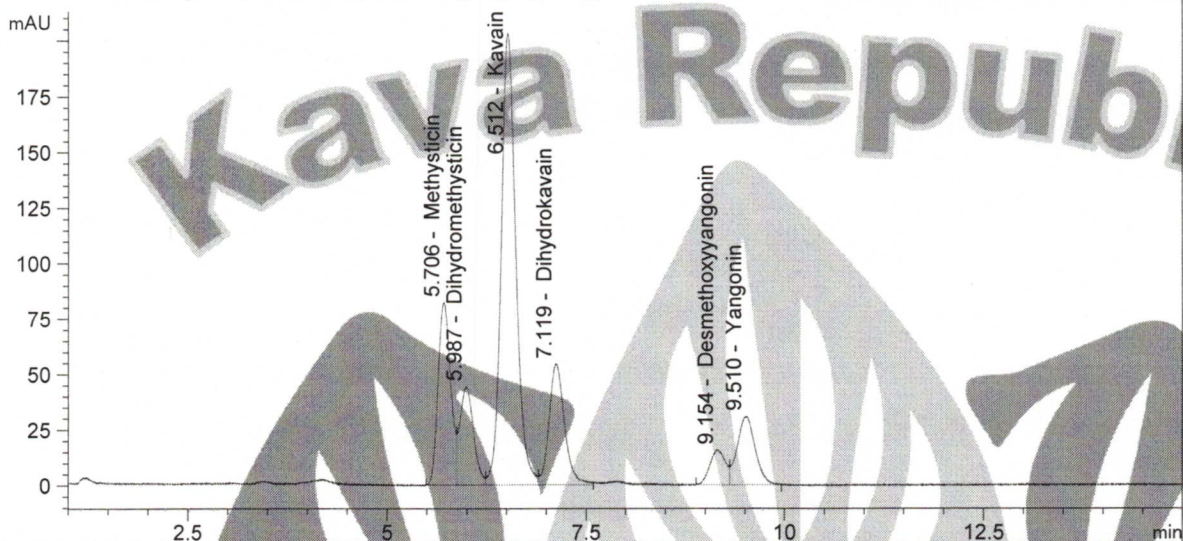
Injection date 4/15/2026

Injection time 1:22:16 AM

Operator Marjan

Method C:\Chem32\1\METHODS\SLOWFLOW.M

DAD1 C, Sig=246,10 Ref=500.60 (KAVA_04_14_2026_15MINSTDTESTMETHOD 2026-04-14 16-43-53\012-1201.D)



#	COMPOUND	RET. TIME	AREA	AREA %	AMOUNT
	Methysticin	5.706	901.786	16.53	0.001
	Dihydromethysticin	5.987	532.246	9.75	0.001
	Kavain	6.512	2585.026	47.37	0.000
	Dihydrokavain	7.119	733.353	13.44	0.001
	Desmethoxyyangonin	9.154	213.880	3.92	0.000
	Yangonin	9.510	490.287	8.99	0.001

Kava Republic
Laboratory

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Report Date	4/14/2026	Country of Origin	Fiji
Sample Number	S2383	Country of Processing	USA
Product Name	G Waka	Manufacture Date	Apr-26
Lot Number	FLK2604GW04	Best By Date	Apr-29

ITEM	SPECIFICATION	TEST RESULTS	METHOD
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PHYSICAL & CHEMICAL

Identification	Piper methysticum	Complies	HPLC
Appearance	Beige to Yellow Powder	Complies	Organoleptic
Kavalactone Standard	2-17 % Kavalactones	5.94%	HPLC
Kavalactone Profile	Noble	Pass	HPLC
Chemotype	If # 5 is in 1st or 2nd in Abundance	426531	HPLC
K/DHM	> 1.2 for Noble	1.4	Calculation

HEAVY METALS

		Results	
Arsenic (As)	NMT 1,000 (ppb)*	50.6 ppb	FDA EAM 4.7
Cadmium (Cd)	NMT 1,000 (ppb)*	170 ppb	FDA EAM 4.7
Lead (Pb)	NMT 1,000 (ppb)*	79.2 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	88,000 cfu / 10 g	USP 2021
E. COLI	ABSENT (cfu/10g)	Negative cfu / 10 g	USP 2022
LISTERIA MONOCYTOGENES	ABSENT (cfu/10g)	Negative cfu / 10 g	USP 2023
PSEUDOMONAS AERUGINOSA	ABSENT (cfu/10g)	Negative cfu / 10 g	USP 2022
SALMONELLA	ABSENT (cfu/10g)	Negative cfu / 10 g	USP 2022
STAPHYLOCOCCUS AUREUS	ABSENT (cfu/10g)	Negative cfu / 10 g	USP 2022
YEAST	NMT 100,000 cfu (Combined)	17,000 cfu / 10 g	
MOLD		10 cfu / 10 g	USP 2021
TOTAL YEAST & MOLD	NMT 100,000 cfu (Combined)	17,010 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.

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.

Completed By: *Amy Saleh* Title: *Manager* Date: *5/27/2026*