

Botany Evolution LLC

2510 Kirby Circle NE

Palm Bay, FL 32945

321-802-4583

Certificate Of Analysis

Sample Identification Information

Date of Analysis 10/16/2023

Sample: S1992

Product Name SAVUSAVU WAKA

Lot# FLK2308-SW9

Country of Origin FIJI

Country of Processing USA

Manufacture Date Aug-23

Best By Date Aug-26

General Product Specifications

Product Species Piper Methysticum

Part Used Root

Common Names Kava kava, Awa, Yagona

Appearance Yellow, Brown, beige powder

Analyzed Characteristics

Specification

Result

Test Method

Standardization

2-17% Kavalactones

9.09%

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

426351

HPLC

K/DHM

2.1

Calculation

Kavalactones	Code	Peaks Ref. (elution order)	Correction Factor	Area *	Area %	Corrected Kavalactones	Chemotype Identifier
Standard Kavain	K			2321.294			
Methysticin	M	1	2.21	1310.513	16.52%	1.63%	6
Dihydromethysticin	DHM	2	3.38	577.121	7.28%	1.06%	5
Kavain	K	3	1	3981.121	50.19%	2.26%	4
Dihydrokavain	DHK	4	3.08	895.055	11.28%	2.14%	2
Desmethoxyyangonin	DMY	5	2.52	414.582	5.23%	0.65%	1
Yangonin	Y	6	3.12	752.996	9.49%	1.35%	3
Kavalactones			Total:	7931.388	100.00%	9.09%	426351

See data in attachment HPLC1100 Agilent Certificate with Chromatogram graph.

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

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

Botany Evolution, 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.

Chemist

Hustle Youngs

Date

10/18/23

SAMPLE S1992
Vial 17

0.75499g/50mL

wavelength 246 nm

C:\CHEM32\1\DATA\KAVA_10_16_2023_15MINSTDTESTMETHOD 2023-10-16 20-09-15\01->
SEQUENCE C:\CHEM32\1\DATA\KAVA_10_16_2023_ ->

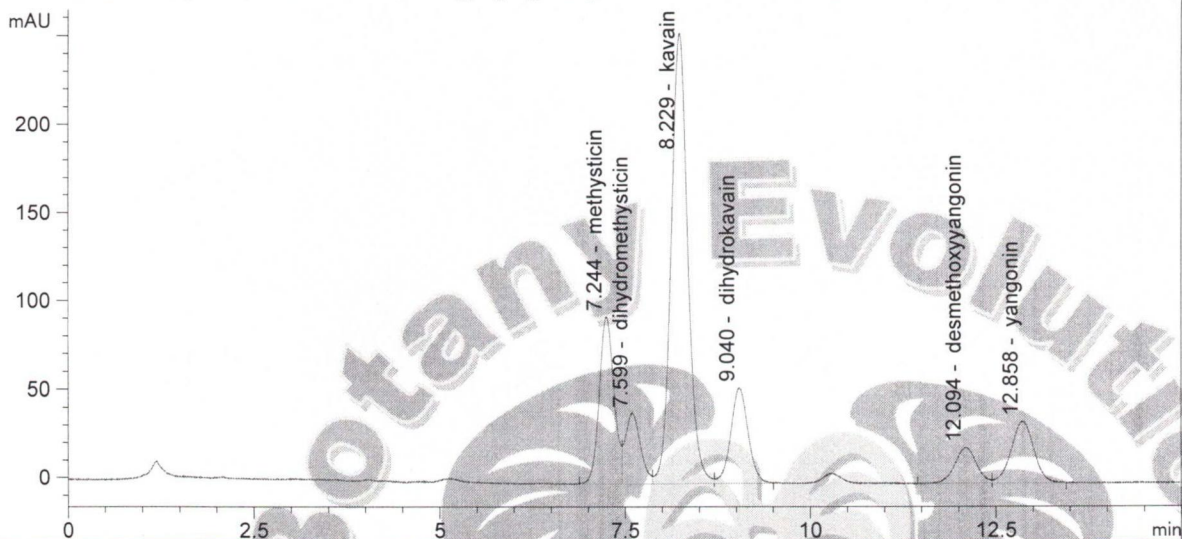
Injection date 10/17/2023

Injection time 1:33:35 AM

Acq. operator KRISTL

Method C:\CHEM32\1\DATA\KAVA_10_16_202->

DAD1 C, Sig=246,10 Ref=500,60 (KAVA_10_16_2023_15MINSTDTESTMETHOD 2023-10-16 20-09-15\017-1701.D)



#	COMPOUND	RET. TIME	AREA	AREA %	AMOUNT
	methysticin	7.244	1310.513	16.52	0.000
	dihydromethysticin	7.599	577.121	7.28	0.000
	kavain	8.229	3981.121	50.19	0.000
	dihydrokavain	9.040	895.055	11.28	0.000
	desmethoxyyangonin	12.094	414.582	5.23	0.000
	yangonin	12.858	752.996	9.49	0.000

10/18/23
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