

T.K. Group Labs
Ankeny, IA 50023



TrueKava.com
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Certificate of Analysis

Date: April 8, 2017

Client: Kava Time

Description: Piper methysticum root powder

Product: Gourmet Savusavu Waka

Lab sample: B0331

Chemical Analysis

Identity: Piper methysticum root powder

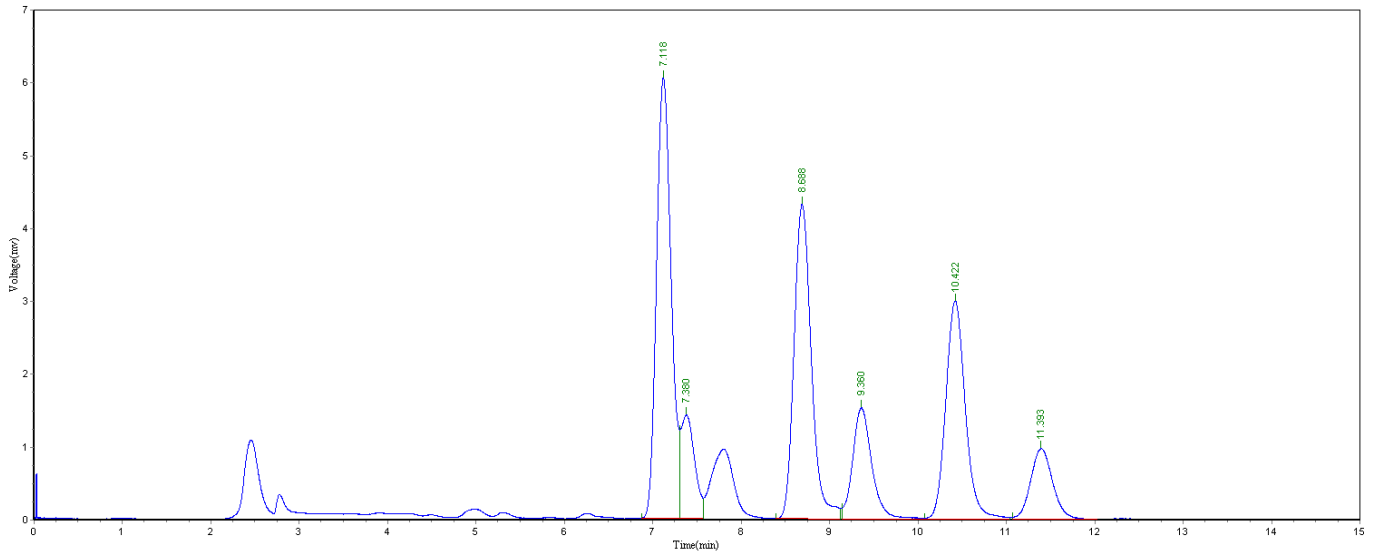
Purity: No adulteration detected

Strength: 6.23% total kavalactones by dry weight

Chemotype: 463251

Data

code	description	vendor	chemotype
B0331	Gour Savu Waka	KT	463251
qual:	pass		
chlor:	pass	rel. %	total %
1	Desmethoxyyangonin	6.76	0.42
2	Dihydrokawain	17.31	1.08
3	Yangonin	18.04	1.12
4	Kawain	26.14	1.63
5	Dihydromethysticin	11.24	0.70
6	Methysticin	20.51	1.28
K/DHM:	2.33	100.00	6.23



	code	desc	vendor	std K	K/DHM	qual	chemotype			
	B0331	Gour Savu Waka	KT	47894	2.33		463251			
peak	KL	KL	RT	height	area	factor	corrected	rel. %	KL	total %
1	M	Methysticin	7.118	6042.139	69549	0.66	45902	20.51	6	1.28
2	DHM	Dihydromethysticin	7.38	1415.362	15249	1.65	25161	11.24	5	0.70
3	K	Kawain	8.688	4312.06	58518	1.00	58518	26.14	4	1.63
4	DHK	Dihydrokawain	9.36	1525.408	22793	1.70	38748	17.31	2	1.08
5	Y	Yangonin	10.422	2993.234	45898	0.88	40391	18.04	3	1.12
6	DMY	Desmethoxyyangonin	11.393	970.615	16801	0.90	15121	6.76	1	0.42
							223841	100.00		6.23

Method: USP Piper methysticum Root and Rhizome Powder, Final Authorized Version 1.0
 Column: USP L7, Kinetix C8 00F-1608-E0
 Pump: Hitachi L6200A
 Detector: Hitachi L4200
 Oven: Shimadzu CTO-6A
 CDS: Baseline N2000

Mode: HPLC
 Detector: UV 220 nm
 Column: 4.6-mm x 15-cm L7
 Flow rate: 0.6 mL/min
 Injection volume: 5 µL

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Analyst: Garry Stoner