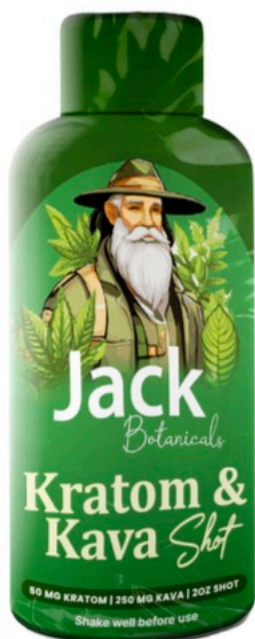


ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

CUSTOMER:

Jack Botanicals



SAMPLE INFORMATION

Product Name: Kratom Kava Liquid

Date Collected: 08/09/2024
Date Received: 08/12/2024
Date Reported: 09/04/2024

TEST SUMMARY

Alkaloids: ✔ Tested
Overall: ✔ Pass

Kavalactones: ✔ Pass

Alkaloids

09/03/2024

Method: MF 12D030
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Quantitation Alkaloid Profile Extended (LC-DAD) 0.1
Limit of Detection 0.04
Limit of Quantitation 0.1

Analyte	mg/g	%	mg/ml	mg/ package
7-OH Mitragynine	ND	ND	ND	ND
Mitragynine	0.75	0.075	0.77	42.73
Paynantheine	0.11	0.011	0.11	6.34
Speciogynine	<LOQ (0.07)	<LOQ (0.007)	<LOQ (0.07)	<LOQ (4.05)
Speciociliatine	<LOQ (0.06)	<LOQ (0.006)	<LOQ (0.07)	<LOQ (3.63)
Total Alkaloids	1.00	0.100	1.02	56.76
Package Weight (g)	56.699			
g/ml Conversion Factor	1.01995			

Kavalactones

09/03/2024

Method: Standard Solution Assay Parameters provided by Cerilliant

Instrument: HPLC-DAD

Analyte	Findings	Units
Methysticin	23.06	mg/unit (2oz bottle)
DH-Methysticin	16.77	mg/unit (2oz bottle)
Kavain	87.48	mg/unit (2oz bottle)
DH-Kavain	64.40	mg/unit (2oz bottle)
Yangonin	29.13	mg/unit (2oz bottle)
DM-Yangonin	22.03	mg/unit (2oz bottle)
Flavokavain C	None Detected	mg/unit (2oz bottle)
Flavokavain A	3.07	mg/unit (2oz bottle)
Flavokavain B	4.97	mg/unit (2oz bottle)
Total Kavalactones	250.92	mg/unit (2oz bottle)

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

All LQC samples were performed and met the acceptance criteria in CCR Title 4 Division 19, Chapter 6, Article 7, §15730, pursuant to §15726.(e)(13).

Reported by




Amanda Eisenberg
Compliance Rep

September 04, 2024