

ANALYZED BY:

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

CUSTOMER:

Kats Kratom/Kats Botanicals
2714 D Nashville Road
Franklin 42134



SAMPLE INFORMATION

Sample No.: 1269053
Product Name: Kats Kratom - 150mg Mit/300mg Kava
Lot #: 530

Date Collected: 01/08/2025
Date Received: 01/09/2025
Date Reported: 01/10/2025

TEST SUMMARY

Kavalactones: ✔ Pass
Alkaloid Profile Limited: ✔ Tested

Residual Solvent Screen: ✔ Pass
Overall: ✔ Pass

Kavalactones

01/10/2025

Method: Standard Solution Assay Parameters provided by Cerilliant

Instrument: HPLC-DAD

Analyte	Findings	Units
Methysticin	0.44	mg/mL
Dihydromethysticin	0.34	mg/mL
Kavain	1.67	mg/mL
Dihydrokavain	1.21	mg/mL
Yanгонin	0.56	mg/mL
Desmethoxyyangonin	0.44	mg/mL
Flavokawain C	None Detected	mg/mL
Flavokawain A	0.06	mg/mL
Flavokawain B	0.09	mg/mL
Total Kavalactones	4.80	mg/mL

Residual Solvent Screen ✔ Pass

01/09/2025

Method: USP <467>

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.2/0.5	ND	5	Pass
Acetone	67/200	ND	5000	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	2	Pass
n-Butane	67/200	ND	-	-
Chloroform	0.2/0.5	ND	60	Pass
Ethanol	67/200	ND	5000	Pass
Ethyl acetate	67/200	ND	5000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene oxide	0.2/0.5	ND	10	Pass
n-Heptane	67/200	ND	5000	Pass
n-Hexane	67/200	ND	290	Pass
Isopropyl alcohol	67/200	ND	5000	Pass
Methanol	67/200	<LOQ	3000	Pass
Methylene chloride	0.2/0.5	ND	600	Pass
n-Pentane	67/200	ND	5000	Pass
Propane	67/200	ND	-	-
Toluene	67/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	67/200	ND	2170	Pass
Trichloroethylene	0.2/0.5	ND	80	Pass

Alkaloid Profile Limited

01/09/2025

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

Alkaloid	mg/g	%	mg/ml
Mitragynine	2.88	0.288	2.74
7-Hydroxymitragynine	ND	0.0	ND
Total Alkaloids	2.88	0.288	2.74

Comments Density: 0.95115 g/mL

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

Reported by




Cathy Cheng
 Senior Analyst

January 10, 2025



Scan to verify