

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124

CUSTOMER:

Kats Botanicals
750 Hickory Industrial Drive
Old Hickory, TN 37138

**SAMPLE INFORMATION**

Sample No.: 1398876
Product Name: Bali45
Matrix: Beverage
Lot #: 6870
PO #: 101394

Date Collected: 04/03/2026
Date Received: 04/08/2026
Date Reported: 04/17/2026

TEST SUMMARY

Alkaloids:  Tested
Residual Solvent Screen:  Pass
Overall:  Pass

Microbiological Screen:  Tested
Heavy Metal Screen:  Pass

Alkaloids

04/14/2026

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

Analyte	mg/g	mg/g (dry)	%	% (dry)	mg/ml	mg/serving	mg/package	Labeled mg/ serving	% Difference
7-OH Mitragynine	ND	ND	ND	ND	ND	ND	ND	-	-
MGM-15	ND	ND	ND	ND	ND	ND	ND	-	-
Mitragynine Pseudoindoxyl	ND	ND	ND	ND	ND	ND	ND	-	-
Mitragynine	12.50	634.58	1.250	63.458	13.22	66.08	132.16	62.5	5.73
Paynantheine	1.54	78.15	0.154	7.815	1.63	8.14	16.28	-	-
Speciogynine	0.96	48.60	0.096	4.860	1.01	5.06	10.12	-	-
Speciociliatine	0.20	9.97	0.020	0.997	0.21	1.04	2.08	-	-
Total Alkaloids	15.19	771.30	1.519	77.130	16.06	80.32	160.64	-	-
Serving Weight (g)	5.286								
Package Weight (g)	10.57								
g/ml Conversion Factor	1.0572								
Moisture	98.03 %								

Microbiological Screen

04/17/2026

Analyte	Findings	Units	Method
Standard Plate Count	<100	cfu/g	FDA BAM
Yeast	<10	cfu/g	FDA BAM
Mold	<10	cfu/g	FDA BAM
Coliforms	<10	cfu/g	FDA BAM - ECC AGAR
E. Coli	<10	cfu/g	FDA BAM - ECC AGAR
Salmonella	Negative	/1g	AOAC 2013.01

Residual Solvent Screen ✔ Pass

04/14/2026

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	ND	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

Heavy Metal Screen ✔ Pass

04/14/2026

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	Findings (µg/day)	Limit (µg/day)	Status
Arsenic	ND	10	Pass
Cadmium	ND	4.1	Pass
Mercury	ND	2	Pass
Lead	ND	6	Pass

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

Reported by




Vu Lam
 Lab Co Director
 April 17, 2026



Scan to verify