Certificate of Analysis

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.: 1380073
Product Name: M300
Matrix: Beverage
Lot #: 6355
PO #: 101310

Date Collected: 01/30/2026
Date Received: 02/23/2026
Date Reported: 03/02/2026

TEST SUMMARY

Alkaloids: Tested
Residual Solvent Screen: Pass
Overall: Pass

Microbiological Screen: Tested
Heavy Metal Screen: Pass

Alkaloids

02/27/2026

Method: MF 12D030

Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)

Analyte	mg/g	mg/g (dry)	%	% (dry)	mg/ml	mg/ package
7-OH Mitragynine	ND	ND	ND	ND	ND	ND
MGM-15	ND	ND	ND	ND	ND	ND
Mitragynine Pseudoindoxyl	ND	ND	ND	ND	ND	ND
Mitragynine	30.47	609.40	3.047	60.940	32.24	322.44
Paynantheine	4.74	94.89	0.474	9.489	5.02	50.21
Speciogynine	2.44	48.72	0.244	4.872	2.58	25.78
Speciociliatine	0.54	10.83	0.054	1.083	0.57	5.73
Total Alkaloids	38.19	763.84	3.819	76.384	40.41	404.15
Package Weight (g)	10.582					
g/ml Conversion Factor	1.0582					
Moisture	95.00 %					

Microbiological Screen

03/02/2026

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

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Residual Solvent Screen ✔ Pass

02/27/2026

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	<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

Heavy Metal Screen ✔ Pass

02/27/2026

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
March 02, 2026

Scan to verify

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