CERTIFICATE OF ANALYSIS

SAMPLE NAME: KATS TABLETS 65%
SAMPLE CODE: DTS-250327-006
CLIENT: BOTANAWAY
BATCH RESULT: PASS

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MATRIX NAME: Pill - Tablet
SAMPLE TYPE: Compliance
RECEIVED DATE: Wed, Apr 2, 2025
PUBLISHED DATE: Fri, Apr 4, 2025
BATCH/LOT CODE: 905-03-001/24075-K
BATCH SIZE: N/A
SAMPLE SIZE: 15U
AVERAGE UNIT WEIGHT: 0.9608g (1 tablet)

MITRAGYNINE	60.74 mg / serv
TOTAL MAJOR ALKALOIDS	65.32 mg / serv

ALKU ✓
Kratom Alkaloids
High Level

SOL ✓
Residual Solvents
USP <467>

APPROVALS

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director
Cambium Analytica
Friday, Apr 4, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Friday, Apr 4, 2025

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ALKU

KRATOM ALKALOIDS - HIGH LEVEL

LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-250327-006-01 - FRI, APR 4, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	6.3220 %	63.220 mg/g	60.74 mg	60.74 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.2630 %	2.630 mg/g	2.53 mg	2.53 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.1601 %	1.601 mg/g	1.54 mg	1.54 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0538 %	0.538 mg/g	0.52 mg	0.52 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	**6.7989 %**	**67.989 mg/g**	**65.32 mg**	**65.32 mg**	N/A	N/A	N/A	N/A

SOL

RESIDUAL SOLVENTS - USP <467>

LAB-TM-004 - DETERMINATION OF RESIDUAL SOLVENTS
SOL-DTS-250327-006-01 - FRI, APR 4, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	5 ug/g	0.4 ug/g	1.00 ug/g	PASS
2-Methylbutane	ND	N/A	1.54 ug/g	5.14 ug/g	N/A
2-Methylpentane	ND	N/A	0.046 ug/g	0.154 ug/g	N/A
2,2-Dimethylbutane	ND	N/A	0.98 ug/g	3.27 ug/g	N/A
2,3-Dimethylbutane	ND	N/A	2.19 ug/g	7.32 ug/g	N/A
3-Methylpentane	ND	N/A	0.73 ug/g	2.44 ug/g	N/A
Acetone	ND	5000 ug/g	1.57 ug/g	5.23 ug/g	PASS
Acetonitrile	ND	410 ug/g	1.85 ug/g	6.17 ug/g	PASS
Benzene	ND	2 ug/g	0.18 ug/g	0.50 ug/g	PASS
Butane	ND	N/A	1.68 ug/g	5.59 ug/g	N/A
Chloroform	ND	60 ug/g	0.78 ug/g	1.00 ug/g	PASS
Ethanol	ND	5000 ug/g	6.02 ug/g	20.1 ug/g	PASS
Ethyl Acetate	9.614 ug/g	5000 ug/g	1.95 ug/g	6.49 ug/g	PASS
Ethyl Ether	ND	5000 ug/g	1.37 ug/g	4.55 ug/g	PASS
Ethylene Oxide	ND	N/A	0.15 ug/g	0.49 ug/g	N/A
Heptane	ND	5000 ug/g	1.31 ug/g	4.37 ug/g	PASS
Hexane	ND	290 ug/g	1.42 ug/g	4.74 ug/g	PASS
Isobutane	ND	N/A	1.6 ug/g	5.34 ug/g	N/A
Isopropyl Alcohol	ND	N/A	4.9 ug/g	16.3 ug/g	N/A
Methanol	ND	3000 ug/g	7.89 ug/g	26.4 ug/g	PASS
Methylene Chloride	ND	600 ug/g	1.36 ug/g	4.53 ug/g	PASS
Neopentane	ND	N/A	1.49 ug/g	4.97 ug/g	N/A
Pentane	ND	5000 ug/g	1.46 ug/g	4.87 ug/g	PASS
Propane	ND	N/A	1.95 ug/g	6.51 ug/g	N/A
Toluene	ND	890 ug/g	1.88 ug/g	6.26 ug/g	PASS
Total Xylenes	ND	2170 ug/g	2.02 ug/g	6.72 ug/g	PASS
Trichloroethylene	ND	80 ug/g	0.29 ug/g	0.96 ug/g	PASS
Butanes (Sum of Butane and Isobutane)	**0.000 ug/g**	N/A	N/A	N/A	N/A
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	**0.000 ug/g**	290 ug/g	N/A	N/A	PASS
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	**0.000 ug/g**	5000 ug/g	N/A	N/A	PASS