

CERTIFICATE OF ANALYSIS

SAMPLE NAME: LARGE TABLET 75% SA NO LOGO

SAMPLE CODE: DTS-240412-043

CLIENT: BOTANAWAY

BATCH RESULT: PASS



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MATRIX NAME: Extract - Salt
SAMPLE TYPE: Compliance
RECEIVED DATE: Tue, Apr 16, 2024
PUBLISHED DATE: Mon, Apr 22, 2024
BATCH CODE: 920-01-001
BATCH SIZE: 0
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 1.0011g (1 tablet)

TOTAL MAJOR ALKALOIDS 76.76 mg/ serv

MITRAGYNE 76.26 mg/ serv

ALKU ✓

Kratom Alkaloids
High Level

SOL ✓

Residual Solvents
USP <467>

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Monday, Apr 22, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Monday, Apr 22, 2024

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LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-240412-043-03 - WED, APR 17, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Total Major Alkaloids	7.667 %	76.674 mg/g	76.76 mg	76.76 mg	N/A			N/A
Mitragynine	7.618 %	76.179 mg/g	76.26 mg	76.26 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.050 %	0.495 mg/g	0.50 mg	0.50 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	ND	ND	ND	ND	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	ND	ND	ND	ND	N/A	0.3 ug/g	0.5 ug/g	N/A



LAB-TM-004 - DETERMINATION OF RESIDUAL SOLVENTS
 SOL-DTS-240412-043-01 - FRI, APR 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	N/A	0.4 ug/g	1.34 ug/g	N/A
2-Methylbutane	ND	N/A	1.54 ug/g	5.14 ug/g	N/A
2-Methylpentane	ND	N/A	0.0462 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	N/A	1.57 ug/g	5.23 ug/g	N/A
Acetonitrile	ND	N/A	1.85 ug/g	6.17 ug/g	N/A
Benzene	ND	N/A	0.18 ug/g	0.59 ug/g	N/A
Butane	ND	N/A	1.68 ug/g	5.59 ug/g	N/A
Butanes (Sum of Butane and Isobutane)	ND	N/A			N/A
Chloroform	ND	N/A	0.78 ug/g	2.59 ug/g	N/A
Ethanol	ND	N/A	6.02 ug/g	20.1 ug/g	N/A
Ethyl Acetate	ND	N/A	1.95 ug/g	6.49 ug/g	N/A
Ethyl Ether	ND	N/A	1.37 ug/g	4.55 ug/g	N/A
Ethylene Oxide	ND	N/A	0.15 ug/g	0.49 ug/g	N/A
Heptane	ND	N/A	1.31 ug/g	4.37 ug/g	N/A
Hexane	ND	N/A	1.42 ug/g	4.74 ug/g	N/A
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	ND	N/A			N/A
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	N/A	7.89 ug/g	26.4 ug/g	N/A
Methylene Chloride	ND	N/A	1.36 ug/g	4.53 ug/g	N/A
Neopentane	ND	N/A	1.49 ug/g	4.97 ug/g	N/A
Pentane	ND	N/A	1.46 ug/g	4.87 ug/g	N/A
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	ND	N/A			N/A
Propane	ND	N/A	1.95 ug/g	6.51 ug/g	N/A
Toluene	ND	N/A	1.88 ug/g	6.26 ug/g	N/A
Total Xylenes	ND	N/A	2.02 ug/g	6.72 ug/g	N/A
Trichloroethylene	ND	N/A	0.29 ug/g	0.96 ug/g	N/A

