

CERTIFICATE OF ANALYSIS



SAMPLE NAME: SOMA 100

SAMPLE CODE: DTS-240827-065

CLIENT: SOMA KRATOM

BATCH RESULT: PASS

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MATRIX NAME: Edible Liquid - Emulsion

SAMPLE TYPE: Quality Assurance

RECEIVED DATE: Wed, Aug 28, 2024

PUBLISHED DATE: Tue, Sep 3, 2024

BATCH/LOT CODE: A08241-1

BATCH SIZE: N/A

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.5355g (Density
(1.0357 g/mL) x 15mL package. 6
servings/package)

MITRAGYNINE 19.28 mg / serv

TOTAL MAJOR ALKALOIDS 20.36 mg / serv

TOTAL MINOR ALKALOIDS 78.78 ug / serv

ALKU ✓

Kratom Alkaloids
High Level

ALKL ✓

Kratom Alkaloids
Low Level

SS ✓

Salmonella & STEC
qPCR

HVMET ✓

Heavy Metals
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RESULTS REVIEWED BY: Leslie Varela

Laboratory Director
Cambium Analytica
Tuesday, Sep 3, 2024

RESULTS CERTIFIED BY: Douglas Smith

VP - Scientific Operations
Cambium Analytica
Tuesday, Sep 3, 2024

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-240827-065-02 - FRI, AUG 30, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.745 %	7.448 mg/g	19.28 mg	115.71 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.024 %	0.241 mg/g	0.62 mg	3.74 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.013 %	0.129 mg/g	0.33 mg	2.00 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.005 %	0.047 mg/g	0.12 mg	0.73 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.787 %	7.865 mg/g	20.36 mg	122.19 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240827-065-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	30.4245 ug/g	N/A	78.78 ug	472.66 ug	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	30.4245 ug/g	N/A	78.78 ug	472.66 ug	N/A	0.006 ug/g	0.03 ug/g	N/A

SS

SALMONELLA & STEC - QPCRLAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-DTS-240827-065-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	N/A			N/A
Shiga Toxin Producing E. coli	ND	N/A			N/A

HVMET

HEAVY METALS - 4LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
HVMET-DTS-240827-065-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.001 ug/g	N/A	0.00 ug	0.02 ug	N/A	0.082 ug/kg	0.272 ug/kg	N/A

