

CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 100

SAMPLE CODE: DTS-240705-007

CLIENT: SOMA KRATOM

BATCH RESULT: PASS



MATRIX NAME: Edible Liquid - Emulsion

SAMPLE TYPE: Compliance

RECEIVED DATE: Mon, Jul 8, 2024

PUBLISHED DATE: Wed, Jul 10, 2024

BATCH CODE: A06241-1

BATCH SIZE: 45L

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.5715g (Density (1.0381 g/mL) x 15mL package. 2 servings/package.)

TOTAL MAJOR ALKALOIDS 53.99 mg/ serv

TOTAL MINOR ALKALOIDS 0.18 mg/ serv

MITRAGYNE 50.55 mg/ 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

Wednesday, Jul 10, 2024

RESULTS CERTIFIED BY: Douglas Smith

VP - Scientific Operations

Cambium Analytica

Wednesday, Jul 10, 2024

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-240705-007-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.649 %	6.493 mg/g	50.55 mg	101.11 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.025 %	0.252 mg/g	1.96 mg	3.92 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.014 %	0.141 mg/g	1.10 mg	2.20 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.005 %	0.049 mg/g	0.38 mg	0.76 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.694 %	6.935 mg/g	53.99 mg	107.99 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240705-007-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0024 %	0.0235 mg/g	0.18 mg	0.37 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Mitraphylline	ND	ND	ND	ND	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Total Minor Alkaloids	0.0024 %	0.0235 mg/g	0.18 mg	0.37 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A

SS

SALMONELLA & STEC- QPCRLAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-DTS-240705-007-01 - FRI, JUL 5, 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-240705-007-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.009 ug/g	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Cadmium	<LOQ	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	0.008 ug/g	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.004 ug/g	N/A	0.082 ug/kg	0.272 ug/kg	N/A

