

CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 100
SAMPLE CODE: DTS-250127-024
CLIENT: SOMA KRATOM
BATCH RESULT: PASS



MATRIX NAME: Edible Liquid - Emulsion
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Thu, Jan 30, 2025
PUBLISHED DATE: Tue, Feb 4, 2025
BATCH/LOT CODE: A01251-1
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 15.5715g (Density (1.0381 g/mL) x 15mL package. 6 servings/package.)

MITRAGYNINE 18.47 mg / serv

TOTAL MAJOR ALKALOIDS 19.94 mg / serv

TOTAL MINOR ALKALOIDS 0.04 mg / serv

ALKU ✓
Kratom Alkaloids
High Level

ALKL ✓
Kratom Alkaloids
Low Level

SS ✓
Salmonella & STEC
qPCR

HVMET ✓
Heavy Metals
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APPROVALS

RESULTS REVIEWED BY:



Leslie Varela
Laboratory Director

Cambium Analytica
Tuesday, Feb 4, 2025

RESULTS CERTIFIED BY:



Douglas Smith
VP - Scientific Operations

Cambium Analytica
Tuesday, Feb 4, 2025

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-250127-024-01 - MON, FEB 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.7116 %	7.116 mg/g	18.47 mg	110.81 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0327 %	0.327 mg/g	0.85 mg	5.09 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0182 %	0.182 mg/g	0.47 mg	2.83 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0057 %	0.057 mg/g	0.15 mg	0.89 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.7682 %	7.682 mg/g	19.94 mg	119.62 mg	N/A	N/A	N/A	N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-250127-024-01 - TUE, FEB 4, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00164 %	0.016 mg/g	0.04 mg	0.25 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0 %	0 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00164 %	0.016 mg/g	0.04 mg	0.26 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

SS

SALMONELLA & STEC- QPCRLAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-DTS-250127-024-01 - MON, FEB 3, 2025

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

HVMET

HEAVY METALS - 4LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
HVMET-DTS-250127-024-01 - MON, FEB 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.013 ug/g	0 mg/g	0.03 ug	0.20 ug	N/A	0.198 ug/kg	0.662 ug/kg	N/A
Cadmium	<LOQ	N/A	N/A	N/A	N/A	0.082 ug/kg	0.272 ug/kg	N/A
Lead	<LOQ	N/A	N/A	N/A	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.001 ug/g	0 mg/g	0.00 ug	0.01 ug	N/A	0.017 ug/kg	0.057 ug/kg	N/A

