

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** SOMA CHOCOLATE MINT  
**SAMPLE CODE:** DTS-250127-026  
**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:** A0225C-1  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 15.675g (Density (1.0450 g/mL) x 15mL package. 6 servings/package.)

**MITRAGYNINE** 56.40 mg / serv

**TOTAL MAJOR ALKALOIDS** 61.23 mg / serv

**TOTAL MINOR ALKALOIDS** 0.11 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 LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250127-026-03 - TUE, FEB 4, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.1588 %	21.588 mg/g	56.40 mg	338.39 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.1039 %	1.039 mg/g	2.71 mg	16.29 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0565 %	0.565 mg/g	1.48 mg	8.86 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0245 %	0.245 mg/g	0.64 mg	3.84 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.3437 %	23.437 mg/g	61.23 mg	367.37 mg	N/A	N/A	N/A	N/A

ALKL

**KRATOM ALKALOIDS - LOW LEVEL**LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ  
ALKL-DTS-250127-026-01 - TUE, FEB 4, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00409 %	0.041 mg/g	0.11 mg	0.64 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	0.00409 %	0.041 mg/g	0.11 mg	0.64 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

SS

**SALMONELLA & STEC- QPCR**LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR  
SS-DTS-250127-026-01 - 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 - 4**LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS  
HVMET-DTS-250127-026-01 - MON, FEB 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.007 ug/g	0 mg/g	0.02 ug	0.11 ug	N/A	0.198 ug/kg	0.662 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	0.082 ug/kg	0.272 ug/kg	N/A
Lead	0.001 ug/g	0 mg/g	0.00 ug	0.01 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	<LOQ	N/A	N/A	N/A	N/A	0.017 ug/kg	0.057 ug/kg	N/A

