

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** SOMA CHOCOLATE MINT  
**SAMPLE CODE:** DTS-250306-036  
**CLIENT:** SOMA KRATOM  
**BATCH RESULT:** PASS



**MATRIX NAME:** Emulsion - Liquid  
**SAMPLE TYPE:** Quality Assurance  
**RECEIVED DATE:** Mon, Mar 10, 2025  
**PUBLISHED DATE:** Fri, Mar 14, 2025  
**BATCH/LOT CODE:** A0225C-2  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 15.6045g (Density (1.0403 g/mL) x 15mL package. 6 servings/package.)

**MITRAGYNINE** 56.75 mg / serv

**TOTAL MAJOR ALKALOIDS** 62.12 mg / serv

**TOTAL MINOR ALKALOIDS** 0.17 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  
Friday, Mar 14, 2025

### RESULTS CERTIFIED BY:



**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Friday, Mar 14, 2025

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ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250306-036-02 - FRI, MAR 14, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.1822 %	21.822 mg/g	56.75 mg	340.52 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.1196 %	1.196 mg/g	3.11 mg	18.66 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0648 %	0.648 mg/g	1.69 mg	10.11 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0221 %	0.221 mg/g	0.57 mg	3.45 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.3887 %	23.887 mg/g	62.12 mg	372.74 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-250306-036-01 - THU, MAR 13, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00657 %	0.066 mg/g	0.17 mg	1.03 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00001 %	0.000 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00658 %	0.066 mg/g	0.17 mg	1.03 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-250306-036-01 - WED, MAR 12, 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-250306-036-01 - WED, MAR 12, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	N/A	0.198 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	<LOQ	N/A	N/A	N/A	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.000 ug/g	0.000 mg/g	0.00 ug	0.00 ug	N/A	0.017 ug/kg	0.057 ug/kg	N/A

