

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** SOMA 300  
**SAMPLE CODE:** DTS-250306-037  
**CLIENT:** SOMA KRATOM  
**BATCH RESULT:** PASS



**MATRIX NAME:** Emulsion - Liquid  
**SAMPLE TYPE:** Quality Assurance  
**RECEIVED DATE:** Mon, Mar 10, 2025  
**PUBLISHED DATE:** Thu, Mar 13, 2025  
**BATCH/LOT CODE:** A02253-3  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 15.69g (Density (1.0460 g/mL) x 15mL package. 6 servings/package.)

**MITRAGYNINE** 56.34 mg / serv

**TOTAL MAJOR ALKALOIDS** 61.01 mg / serv

**TOTAL MINOR ALKALOIDS** 0.10 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  
Thursday, Mar 13, 2025

### RESULTS CERTIFIED BY:



**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Thursday, Mar 13, 2025

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ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250306-037-01 - THU, MAR 13, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.1546 %	21.546 mg/g	56.34 mg	338.06 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.1026 %	1.026 mg/g	2.68 mg	16.10 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0562 %	0.562 mg/g	1.47 mg	8.82 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0198 %	0.198 mg/g	0.52 mg	3.11 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.3332 %	23.332 mg/g	61.01 mg	366.08 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-250306-037-01 - THU, MAR 13, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00388 %	0.039 mg/g	0.10 mg	0.61 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	0.00389 %	0.039 mg/g	0.10 mg	0.61 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-250306-037-01 - 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-250306-037-01 - 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	ND	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	0.01 ug	N/A	0.017 ug/kg	0.057 ug/kg	N/A

