

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** SOMA 300  
**SAMPLE CODE:** DTS-250127-025  
**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:** A02253-1  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 15.5655g (Density (1.0377 g/mL) x 15mL package. 6 servings/package.)

**MITRAGYNINE** 53.01 mg / serv

**TOTAL MAJOR ALKALOIDS** 57.62 mg / serv

**TOTAL MINOR ALKALOIDS** 0.13 mg / serv

ALKU ✓  
Kratom Alkaloids  
High Level

ALKL ✓  
Kratom Alkaloids  
Low Level

SS ✓  
Salmonella & STEC  
qPCR

HVMET ✓  
Heavy Metals  
4

## 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-250127-025-01 - MON, FEB 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.0432 %	20.432 mg/g	53.01 mg	318.03 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0994 %	0.994 mg/g	2.58 mg	15.47 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0553 %	0.553 mg/g	1.43 mg	8.61 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0231 %	0.231 mg/g	0.60 mg	3.60 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.221 %	22.21 mg/g	57.62 mg	345.71 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-250127-025-01 - TUE, FEB 4, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00501 %	0.05 mg/g	0.13 mg	0.78 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	0.00501 %	0.05 mg/g	0.13 mg	0.78 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-250127-025-01 - 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-250127-025-01 - MON, FEB 3, 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	0.001 ug/g	0 mg/g	0.00 ug	0.02 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	0.017 ug/kg	0.057 ug/kg	N/A

