

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** SOMA 200  
**SAMPLE CODE:** DTS-250108-009  
**CLIENT:** SOMA KRATOM  
**BATCH RESULT:** PASS



**MATRIX NAME:** Edible Liquid - Emulsion  
**SAMPLE TYPE:** Quality Assurance  
**RECEIVED DATE:** Thu, Jan 9, 2025  
**PUBLISHED DATE:** Tue, Jan 14, 2025  
**BATCH/LOT CODE:** A12242-2  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 15.651g (Density (1.0434g/mL) x 15mL package. 6 servings/package.)

**MITRAGYNINE** 40.22 mg / serv

**TOTAL MAJOR ALKALOIDS** 44.29 mg / serv

**TOTAL MINOR ALKALOIDS** 0.10 mg / serv

ALKU ✓  
**Kratom Alkaloids**  
High Level

ALKL ✓  
**Kratom Alkaloids**  
Low Level

## APPROVALS

### RESULTS REVIEWED BY:



**Leslie Varela**  
Laboratory Director

Cambium Analytica  
Tuesday, Jan 14, 2025

### RESULTS CERTIFIED BY:



**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Tuesday, Jan 14, 2025

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ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250108-009-03 - TUE, JAN 14, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.5419 %	15.419 mg/g	40.22 mg	241.32 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0849 %	0.849 mg/g	2.21 mg	13.29 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.047 %	0.47 mg/g	1.23 mg	7.36 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.024 %	0.24 mg/g	0.63 mg	3.76 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.6978 %	16.978 mg/g	44.29 mg	265.72 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-250108-009-01 - TUE, JAN 14, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0037 %	0.037 mg/g	0.10 mg	0.58 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.0037 %	0.037 mg/g	0.10 mg	0.58 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

