

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** SOMA 200

**SAMPLE CODE:** DTS-240705-010

**CLIENT:** SOMA KRATOM

**BATCH RESULT:** PASS



**MATRIX NAME:** Edible Liquid - Emulsion  
**SAMPLE TYPE:** Compliance  
**RECEIVED DATE:** Mon, Jul 8, 2024  
**PUBLISHED DATE:** Wed, Jul 10, 2024  
**BATCH CODE:** A06242-2  
**BATCH SIZE:** 68.1L  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 15.534g (Density (1.0356 g/mL) x 15mL package. 4 servings/package)

**TOTAL MAJOR ALKALOIDS** 51.38 mg/ serv

**TOTAL MINOR ALKALOIDS** 0.10 mg/ serv

**MITRAGYNE** 50.33 mg/ serv

ALKU ✓ Kratom Alkaloids High Level	ALKL ✓ Kratom Alkaloids Low Level	SS ✓ Salmonella & STEC qPCR	HVMET ✓ Heavy Metals 4
--	---	-----------------------------------	------------------------------

**RESULTS REVIEWED BY:** Leslie Varela  
Laboratory Director  
Cambium Analytica  
Wednesday, Jul 10, 2024

**RESULTS CERTIFIED BY:** Douglas Smith  
VP - Scientific Operations  
Cambium Analytica  
Wednesday, Jul 10, 2024

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.



ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-240705-010-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.296 %	12.961 mg/g	50.33 mg	201.34 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.018 %	0.176 mg/g	0.68 mg	2.73 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.008 %	0.084 mg/g	0.33 mg	1.30 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.001 %	0.009 mg/g	0.03 mg	0.14 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.323 %	13.230 mg/g	51.38 mg	205.51 mg	N/A			N/A

ALKL

**KRATOM ALKALOIDS - LOW LEVEL**LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ  
ALKL-DTS-240705-010-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0027 %	0.0266 mg/g	0.10 mg	0.41 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Mitraphylline	ND	ND	ND	ND	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Total Minor Alkaloids	0.0027 %	0.0266 mg/g	0.10 mg	0.41 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A

SS

**SALMONELLA & STEC- QPCR**LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR  
SS-DTS-240705-010-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	N/A			N/A
Shiga Toxin Producing E. coli	ND	N/A			N/A

HVMET

**HEAVY METALS - 4**LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS  
HVMET-DTS-240705-010-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Cadmium	ND	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	0.006 ug/g	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.001 ug/g	N/A	0.082 ug/kg	0.272 ug/kg	N/A

