

Certificate of Analysis

Sample Name: Soma 200
Client: Soma Kratom
Sample Code: DTS-251021-061
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Wed, Oct 22, 2025
Published Date: Thu, Oct 30, 2025
Batch/Lot Code: A10252-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 16.1014g (Density (g/mL) x 15.5mL 6 servings/package.)

RESULT SUMMARY	
Mitragynine	27.14 mg /serv
Total Major Alkaloids	29.01 mg /serv

ALKU Kratom Alkaloids High Level	ALKL Kratom Alkaloids Low Level	SS Salmonella & STEC qPCR	DEN Density of Liquids	HVMET Heavy Metals Big 4
--	---------------------------------------	---------------------------------	---------------------------	--------------------------------

Approvals					
RESULTS REVIEWED BY:			RESULTS CERTIFIED BY:		
	Leslie Varela	Cambium Analytica		Douglas Smith	Cambium Analytica
	Laboratory Director	Thursday, Oct 30, 2025		VP - Scientific Operations	Thursday, Oct 30, 2025
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.					

Lab Information		
Address: 1230 Woodmere Ave, Traverse City, MI 49686	Phone: 231.252.3669	Accreditation: ISO/IEC 17025:2017 – #108157



ALKU

Kratom Alkaloids - High Level

LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD

ALKU-DTS-251021-061-01 - SAT, OCT 25, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.0115 %	10.1152 mg/g	27.14 mg	162.87 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.0458 %	0.4582 mg/g	1.23 mg	7.38 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.0238 %	0.2380 mg/g	0.64 mg	3.83 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids*	1.0811 %	10.8114 mg/g	29.01 mg	174.08 mg	N/A	N/A	N/A	N / A

*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogynine.

ALKL

Kratom Alkaloids - Low Level

LAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ

ALKL-DTS-251021-061-01 - THU, OCT 30, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00722 %	0.07219 mg/g	0.19 mg	1.16 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00002 %	0.00020 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.00724 %	0.07239 mg/g	0.19 mg	1.17 mg	N/A	N/A	N/A	N / A

*Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.

SS

Salmonella & STEC - qPCR

LAB-TM-006 - Microbial Analysis by qPCR

SS-DTS-251021-061-01 - SAT, OCT 25, 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

DEN

Density of Liquids

LAB-TM-017 - Brix & Density Analysis

DEN-DTS-251021-061-01 - FRI, OCT 24, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0388 g/mL	N/A	N/A	N/A	N / A
Specific Gravity*	1.0407	N/A	N/A	N/A	N / A

*Specific gravity is calculated using the density of water at 20 °C (0.9982 g/mL) using the equation:
[Specific Gravity = (Density of sample in g/mL) ÷ 0.9982 g/mL]



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	0.040 ug/g	0.000 mg/g	0.11 ug	0.64 ug	N/A	0.509 ug/kg	2.062 ug/kg	N / A
Cadmium	ND	N/A	N/A	N/A	N/A	0.256 ug/kg	0.509 ug/kg	N / A
Lead	ND	N/A	N/A	N/A	N/A	0.255 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	0.025 ug/kg	0.057 ug/kg	N / A

