

Certificate of Analysis

Sample Name: Soma 200
Client: Soma Kratom
Sample Code: DTS-250604-055
Matrix Name: Emulsion - Liquid
Type / Result: QA - Pass



Received Date: Thu, Jun 5, 2025
Published Date: Tue, Jun 10, 2025
Batch/Lot Code: A06252-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 15.5955g (Density (g/mL) x 15mL package. 6 servings/package)

RESULT SUMMARY

Mitragynine	33.27 mg /serv
Total Major Alkaloids	34.79 mg /serv
Total Minor Alkaloids	0.09 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:

Leslie Varela
Laboratory Director

Cambium Analytica
Tuesday, Jun 10, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Tuesday, Jun 10, 2025

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ALKU

Kratom Alkaloids - High LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-250604-055-01 - TUE, JUN 10, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.2798 %	12.7980 mg/g	33.27 mg	199.59 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0395 %	0.3950 mg/g	1.03 mg	6.16 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0178 %	0.1780 mg/g	0.46 mg	2.78 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0015 %	0.0150 mg/g	0.04 mg	0.23 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.3386 %	13.3860 mg/g	34.79 mg	208.76 mg	N/A	N/A	N/A	N/A

ALKL

Kratom Alkaloids - Low LevelLAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ
ALKL-DTS-250604-055-01 - TUE, JUN 10, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00344 %	0.03441 mg/g	0.09 mg	0.54 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00003 %	0.00025 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00347 %	0.03466 mg/g	0.09 mg	0.54 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

SS

Salmonella & STEC - qPCRLAB-TM-006 - Microbial Analysis by qPCR
SS-DTS-250604-055-01 - MON, JUN 9, 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 LiquidsLAB-TM-017 - Brix & Density Analysis
DEN-DTS-250604-055-01 - MON, JUN 9, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0397 g/mL	N/A	N/A	N/A	N/A

HVMET

Heavy Metals - Big 4LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HVMET-DTS-250604-055-01 - MON, JUN 9, 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	0.509 ug/kg	2.062 ug/kg	N/A
Cadmium	0.001 ug/g	0.000 mg/g	0.00 ug	0.01 ug	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	0.002 ug/g	0.000 mg/g	0.01 ug	0.03 ug	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	0.025 ug/kg	0.057 ug/kg	N/A

