

Certificate of Analysis

Sample Name: Soma 300
Client: Soma Kratom
Sample Code: DTS-250604-056
Matrix Name: Emulsion - Liquid
Type / Result: QA - Pass



Received Date: Thu, Jun 5, 2025
Published Date: Tue, Jun 10, 2025
Batch/Lot Code: A06253-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 15.597g (Density (g/mL) x 15mL package. 6 servings/package)

RESULT SUMMARY

Mitragynine	49.49 mg /serv
Total Major Alkaloids	51.94 mg /serv
Total Minor Alkaloids	0.17 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-250604-056-01 - TUE, JUN 10, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.9038 %	19.0380 mg/g	49.49 mg	296.94 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0605 %	0.6050 mg/g	1.57 mg	9.44 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0287 %	0.2870 mg/g	0.75 mg	4.48 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0049 %	0.0490 mg/g	0.13 mg	0.76 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.9979 %	19.9790 mg/g	51.94 mg	311.61 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-250604-056-01 - TUE, JUN 10, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00670 %	0.06697 mg/g	0.17 mg	1.04 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00003 %	0.00035 mg/g	0.00 mg	0.01 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00673 %	0.06732 mg/g	0.17 mg	1.05 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-250604-056-01 - 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-250604-056-01 - MON, JUN 9, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0398 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-250604-056-01 - 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	0.02 ug	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	0.004 ug/g	0.000 mg/g	0.01 ug	0.06 ug	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	0.000 ug/g	0.000 mg/g	0.00 ug	0.00 ug	N/A	0.025 ug/kg	0.057 ug/kg	N/A

