

Certificate of Analysis



Sample Name: Soma 300
Client: Soma Kratom
Sample Code: DTS-250808-031
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Tue, Aug 12, 2025
Published Date: Fri, Aug 15, 2025
Batch/Lot Code: A08253-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 16.0472g (Density (g/mL) x 15.5mL package. 6 servings/package.)

RESULT SUMMARY

Mitragynine	54.56 mg /serv
Total Major Alkaloids	58.96 mg /serv
Total Minor Alkaloids	0.16 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
Friday, Aug 15, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Friday, Aug 15, 2025

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ALKU

Kratom Alkaloids - High Level
 LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
 ALKU-DTS-250808-031-01 - THU, AUG 14, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	2.0401 %	20.4009 mg/g	54.56 mg	327.38 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.1044 %	1.0436 mg/g	2.79 mg	16.75 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0476 %	0.4756 mg/g	1.27 mg	7.63 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0126 %	0.1259 mg/g	0.34 mg	2.02 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.2046 %	22.0460 mg/g	58.96 mg	353.78 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-250808-031-01 - THU, AUG 14, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00594 %	0.05936 mg/g	0.16 mg	0.95 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	0.00594 %	0.05936 mg/g	0.16 mg	0.95 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

SS

Salmonella & STEC - qPCR
 LAB-TM-006 - Microbial Analysis by qPCR
 SS-DTS-250808-031-01 - THU, AUG 14, 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-250808-031-01 - WED, AUG 13, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0353 g/mL	N/A	N/A	N/A	N/A

HVMET

Heavy Metals - Big 4
 LAB-TM-044 - Determination of Heavy Metals by ICP-MS
 HVMET-DTS-250808-031-01 - THU, AUG 14, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	0.046 ug/g	0.000 mg/g	0.12 ug	0.73 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	0.003 ug/g	0.000 mg/g	0.01 ug	0.05 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

