

Certificate of Analysis



Sample Name: Soma 300
Client: Soma Kratom
Sample Code: DTS-250711-032
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Tue, Jul 15, 2025
Published Date: Fri, Jul 18, 2025
Batch/Lot Code: A07253-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 16.0193g (Density (g/mL) x 15.5mL package. 6 servings/package.)

RESULT SUMMARY

Mitragynine	55.93 mg /serv
Total Major Alkaloids	60.46 mg /serv
Total Minor Alkaloids	0.21 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, Jul 18, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Friday, Jul 18, 2025

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Accreditation: ISO/IEC 17025:2017 – #108157



ALKU

Kratom Alkaloids - High LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-250711-032-01 - FRI, JUL 18, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	2.0950 %	20.9500 mg/g	55.93 mg	335.60 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.1075 %	1.0750 mg/g	2.87 mg	17.22 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0489 %	0.4890 mg/g	1.31 mg	7.83 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0132 %	0.1320 mg/g	0.35 mg	2.11 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.2646 %	22.6460 mg/g	60.46 mg	362.77 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-250711-032-01 - FRI, JUL 18, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00791 %	0.07905 mg/g	0.21 mg	1.27 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	0.00791 %	0.07905 mg/g	0.21 mg	1.27 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-250711-032-01 - THU, JUL 17, 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-250711-032-01 - WED, JUL 16, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0335 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-250711-032-01 - THU, JUL 17, 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	0.74 ug	N/A	0.509 ug/kg	2.062 ug/kg	N/A
Cadmium	<LOQ	N/A	N/A	N/A	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	0.002 ug/g	0.000 mg/g	0.00 ug	0.03 ug	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	0.001 ug/g	0.000 mg/g	0.00 ug	0.01 ug	N/A	0.025 ug/kg	0.057 ug/kg	N/A

