

Certificate of Analysis



Sample Name: Soma 300
Client: Soma Kratom
Sample Code: DTS-250926-013
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Tue, Sep 30, 2025
Published Date: Mon, Oct 6, 2025
Batch/Lot Code: A10253-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 16.0766g (Density (g/mL) x 15.5mL package. 6 servings/package)

RESULT SUMMARY

Mitragynine	57.69 mg /serv
Total Major Alkaloids	61.27 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
Monday, Oct 6, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Monday, Oct 6, 2025

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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-250926-013-01 - SAT, OCT 4, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	2.1530 %	21.5301 mg/g	57.69 mg	346.13 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0841 %	0.8410 mg/g	2.25 mg	13.52 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0407 %	0.4071 mg/g	1.09 mg	6.54 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0087 %	0.0873 mg/g	0.23 mg	1.40 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids*	2.2866 %	22.8656 mg/g	61.27 mg	367.60 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-250926-013-02 - SUN, OCT 5, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00578 %	0.05781 mg/g	0.15 mg	0.93 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00003 %	0.00027 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids*	0.00581 %	0.05808 mg/g	0.16 mg	0.93 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-250926-013-01 - THU, OCT 2, 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-250926-013-01 - FRI, OCT 3, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0372 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-250926-013-01 - THU, OCT 2, 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	<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	0.01 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

