

Certificate of Analysis



Sample Name: Soma 300
Client: Soma Kratom
Sample Code: DTS-250828-049
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Fri, Aug 29, 2025
Published Date: Thu, Sep 4, 2025
Batch/Lot Code: A09253-1
Batch Size: 428kg
Sample Size: 1U
Average Unit Weight: 16.089g (Density (g/mL) x 15.5mL package. 6 servings/package)

RESULT SUMMARY

Mitragynine	57.45 mg /serv
Total Major Alkaloids	61.77 mg /serv
Total Minor Alkaloids	0.15 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
Thursday, Sep 4, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Thursday, Sep 4, 2025

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.

Address: 1230 Woodmere Ave, Traverse City, MI 49686

Phone: 231.252.3669

Accreditation: ISO/IEC 17025:2017 – #108157

License #: AU-SC-000112



ALKU

Kratom Alkaloids - High Level

LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
 ALKU-DTS-250828-049-01 - WED, SEP 3, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	2.1426 %	21.4261 mg/g	57.45 mg	344.73 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0986 %	0.9858 mg/g	2.64 mg	15.86 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0493 %	0.4930 mg/g	1.32 mg	7.93 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0132 %	0.1322 mg/g	0.35 mg	2.13 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.3037 %	23.0371 mg/g	61.77 mg	370.64 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-250828-049-01 - THU, SEP 4, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00541 %	0.05406 mg/g	0.14 mg	0.87 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00001 %	0.00012 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00542 %	0.05418 mg/g	0.15 mg	0.87 mg	N/A	N/A	N/A	N/A

SS

Salmonella & STEC - qPCR

LAB-TM-006 - Microbial Analysis by qPCR
 SS-DTS-250828-049-01 - WED, SEP 3, 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-250828-049-01 - TUE, SEP 2, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0380 g/mL	N/A			N/A

HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
 HVMET-DTS-250828-049-01 - THU, SEP 4, 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	ND	N/A	N/A	N/A	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	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

