

Certificate of Analysis



Sample Name: Soma 300
Client: Soma Kratom
Sample Code: DTS-250717-047
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Fri, Jul 18, 2025
Published Date: Thu, Jul 24, 2025
Batch/Lot Code: AO-7253-2
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 16.0456g (Density (g/mL) x 15.5 mL package. 6 servings/package.)

RESULT SUMMARY

Mitragynine	57.27 mg /serv
Total Major Alkaloids	61.31 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
Thursday, Jul 24, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Thursday, Jul 24, 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



ALKU

Kratom Alkaloids - High LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-250717-047-01 - WED, JUL 23, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	2.1416 %	21.4160 mg/g	57.27 mg	343.63 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0934 %	0.9340 mg/g	2.50 mg	14.99 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0454 %	0.4540 mg/g	1.21 mg	7.28 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0121 %	0.1210 mg/g	0.32 mg	1.94 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.2925 %	22.9250 mg/g	61.31 mg	367.85 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-250717-047-01 - WED, JUL 23, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00587 %	0.05865 mg/g	0.16 mg	0.94 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00002 %	0.00020 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00589 %	0.05885 mg/g	0.16 mg	0.94 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-250717-047-01 - THU, JUL 24, 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-250717-047-01 - MON, JUL 21, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0352 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-250717-047-01 - TUE, JUL 22, 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	0.01 ug	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	0.002 ug/g	0.000 mg/g	0.01 ug	0.04 ug	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	0.003 ug/g	0.000 mg/g	0.01 ug	0.05 ug	N/A	0.025 ug/kg	0.057 ug/kg	N/A

