

Certificate of Analysis



Sample Name: SOMA 300
Client: Soma Kratom
Sample Code: DTS-260206-048
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Mon, Feb 9, 2026
Published Date: Thu, Feb 12, 2026
Batch/Lot Code: A02263-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 16.1308g (Density (g/mL) x 15.5mL package. 6 servings/package)

RESULT SUMMARY

Mitragynine	59.48 mg /serv
Total Major Alkaloids	69.26 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, Feb 12, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Thursday, Feb 12, 2026

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.

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-260206-048-01 - WED, FEB 11, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	2.2124 %	22.1240 mg/g	59.48 mg	356.88 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
Paynantheine	0.2050 %	2.0504 mg/g	5.51 mg	33.07 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
Speciogynine	0.1114 %	1.1138 mg/g	2.99 mg	17.97 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
Speciociliatine	0.0474 %	0.4745 mg/g	1.28 mg	7.65 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
Total Major Alkaloids*	2.5763 %	25.7626 mg/g	69.26 mg	415.57 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-260206-048-01 - THU, FEB 12, 2026



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00182 %	0.01824 mg/g	0.05 mg	0.29 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00006 %	0.00056 mg/g	0.00 mg	0.01 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids*	0.00188 %	0.01880 mg/g	0.05 mg	0.30 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-260206-048-01 - WED, FEB 11, 2026



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-260206-048-01 - TUE, FEB 10, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0407 g/mL	N/A	N/A	N/A	N/A
Specific Gravity*	1.0426	N/A	N/A	N/A	N/A

*Specific gravity is calculated using the density of water at 20 °C (0.9982 g/mL) using the equation:
 [Specific Gravity = (Density of sample in g/mL) ÷ 0.9982 g/mL]



HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS

HVMET-DTS-260206-048-01 - WED, FEB 11, 2026



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	0.002 ug/g	0.000 mg/g	0.00 ug	0.02 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

