Certificate of Analysis

Sample Name: Soma 300
Client: Soma Kratom
Sample Code: DTS-260923-065
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - N/A

cambium analytica
an NSF company



Received Date: Thu, Sep 24, 2026
Published Date: Tue, Sep 29, 2026
Batch/Lot Code: B 10263-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 15.5745g (Density (g/mL) x 15.5mL package. 6 servings/package)

RESULT SUMMARY

Mitragynine	50.85 mg /serv
Total Major Alkaloids	53.35 mg /serv

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

SAL
Salmonella spp.
qPCR

DEN
Density of Liquids

HVMET
Heavy Metals
Big 4

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director
Cambium Analytica
Tuesday, Sep 29, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tuesday, Sep 29, 2026

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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-260923-065-01 - MON, SEP 28, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.9591 %	19.5913 mg/g	50.85 mg	305.13 mg	N/A	0.0505 mg/g	0.1009 mg/g	N/A
Paynantheine	0.0601 %	0.6013 mg/g	1.56 mg	9.36 mg	N/A	0.0505 mg/g	0.1009 mg/g	N/A
Speciogynine	0.0360 %	0.3598 mg/g	0.93 mg	5.60 mg	N/A	0.0505 mg/g	0.1009 mg/g	N/A
Speciociliatine	<LOQ	N/A	N/A	N/A	N/A	0.0505 mg/g	0.1009 mg/g	N/A
Total Major Alkaloids *	2.0552 %	20.5524 mg/g	53.35 mg	320.09 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-260923-065-01 - SUN, SEP 27, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00478 %	0.04778 mg/g	0.12 mg	0.74 mg	N/A	0.20190 ug/g	0.40380 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.40380 ug/g	0.80759 ug/g	N/A
Total Minor Alkaloids *	0.00478 %	0.04778 mg/g	0.12 mg	0.74 mg	N/A	N/A	N/A	N/A

* Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.

SAL

Salmonella spp. - qPCR - 25 g

LAB-TM-063 - Qualitative Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements
SAL-DTS-260923-065-01 - MON, SEP 28, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND CFU/g	N/A	N/A	N/A	N/A

USP <62> - Vendor Modified, USP <2022> - Vendor Modified, USP <1223>, AOAC PTM 121802, AOAC OMA 2020.02

DEN

Density of Liquids

LAB-TM-017 - Brix & Density Analysis
DEN-DTS-260923-065-01 - FRI, SEP 25, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0383 g/mL	N/A	N/A	N/A	N/A
Specific Gravity *	1.0402	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-260923-065-01 - MON, SEP 28, 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	43.457 ug/kg	120.715 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	8.691 ug/kg	12.071 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	N/A	5.311 ug/kg	12.071 ug/kg	N/A
Mercury	0.007 ug/g	0.000 mg/g	0.02 ug	0.10 ug	N/A	1.690 ug/kg	3.018 ug/kg	N/A

USP <233>, USP <730>, USP <1730>