Certificate of Analysis

Sample Name: Soma300
Client: Soma Kratom
Sample Code: DTS-261018-002
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - N/A

cambium analytica
an NSF company



Received Date: Tue, Oct 20, 2026
Published Date: Mon, Oct 26, 2026
Batch/Lot Code: A-10263-3
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 15.576g (Density (g/mL) x 15.5mL package. 6 servings/package)

RESULT SUMMARY

Mitragynine	50.20 mg /serv
Total Major Alkaloids	54.32 mg /serv

ALKU	ALKL	SAL	DEN	HVMET
Kratom Alkaloids	Kratom Alkaloids	Salmonella spp.	Density	Heavy Metals
High Level	Low Level	GeneUp qPCR	Liquids	Big 4

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director
Cambium Analytica
Monday, Oct 26, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Monday, Oct 26, 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

ANA-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-261018-002-01 - FRI, OCT 23, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.9337 %	19.3369 mg/g	50.20 mg	301.19 mg	270 - 330 mg/pack	0.0478 mg/g	0.0955 mg/g	N/A
Paynantheine	0.0815 %	0.8149 mg/g	2.12 mg	12.69 mg	N/A	0.0478 mg/g	0.0955 mg/g	N/A
Speciogynine	0.0499 %	0.4992 mg/g	1.30 mg	7.78 mg	N/A	0.0478 mg/g	0.0955 mg/g	N/A
Speciociliatine	0.0275 %	0.2750 mg/g	0.71 mg	4.28 mg	N/A	0.0478 mg/g	0.0955 mg/g	N/A
Total Major Alkaloids *	2.0926 %	20.9260 mg/g	54.32 mg	325.94 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

ANA-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ
ALKL-DTS-261018-002-01 - FRI, OCT 23, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00300 %	0.03002 mg/g	0.08 mg	0.47 mg	N/A	0.19102 ug/g	0.38204 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.38204 ug/g	0.76409 ug/g	N/A
Total Minor Alkaloids *	0.00300 %	0.03002 mg/g	0.08 mg	0.47 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. - GeneUp qPCR - 25 g

ANA-TM-063 - Qualitative Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements
SAL-DTS-261018-002-01 - THU, OCT 22, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND /1g	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 - Liquids

ANA-TM-017 - Brix & Density Analysis
DEN-DTS-261018-002-01 - WED, OCT 21, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0384 g/mL	N/A	N/A	N/A	N/A
Specific Gravity *	1.0403	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

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

HVMET-DTS-261018-002-01 - THU, OCT 22, 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	44.423 ug/kg	123.396 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	8.885 ug/kg	12.340 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	N/A	5.429 ug/kg	12.340 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	1.728 ug/kg	3.085 ug/kg	N/A

USP <232>; USP <233>