

Certificate of Analysis

Sample Name: Soma 300
Client: Soma Kratom
Sample Code: DTS-260817-053
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Tue, Aug 18, 2026
Published Date: Mon, Aug 24, 2026
Batch/Lot Code: A08263-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 15.5595g (Density (g/mL) x 15.5mL package. 6 servings/package)

RESULT SUMMARY	
Mitragynine	51.37 mg /serv
Total Major Alkaloids	55.82 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	✓
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Approvals					
RESULTS REVIEWED BY:			RESULTS CERTIFIED BY:		
					
Leslie Nagy Laboratory Director			Douglas Smith VP - Scientific Operations		
Cambium Analytica Monday, Aug 24, 2026			Cambium Analytica Monday, Aug 24, 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-260817-053-01 - THU, AUG 20, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.9807 %	19.8072 mg/g	51.37 mg	308.19 mg	N/A	0.0496 mg/g	0.0992 mg/g	N / A
Paynantheine	0.0926 %	0.9263 mg/g	2.40 mg	14.41 mg	N/A	0.0496 mg/g	0.0992 mg/g	N / A
Speciogynine	0.0523 %	0.5230 mg/g	1.36 mg	8.14 mg	N/A	0.0496 mg/g	0.0992 mg/g	N / A
Speciociliatine	0.0268 %	0.2675 mg/g	0.69 mg	4.16 mg	N/A	0.0496 mg/g	0.0992 mg/g	N / A
Total Major Alkaloids *	2.1524 %	21.5240 mg/g	55.82 mg	334.90 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-260817-053-01 - MON, AUG 24, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00133 %	0.01327 mg/g	0.03 mg	0.21 mg	N/A	0.00005 ug/g	0.0001 ug/g	N / A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.00005 ug/g	0.0001 ug/g	N / A
Total Minor Alkaloids *	0.00133 %	0.01327 mg/g	0.03 mg	0.21 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-260817-053-01 - THU, AUG 20, 2026 					
Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND /25 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-260817-053-01 - WED, AUG 19, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0373 g/mL	N/A	N/A	N/A	N / A
Specific Gravity *	1.0392	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]



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	N/A	N/A	46.272 ug/kg	128.535 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	9.254 ug/kg	32.134 ug/kg	N/A
Lead	<LOQ	N/A	N/A	N/A	N/A	5.656 ug/kg	32.134 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	1.799 ug/kg	3.213 ug/kg	N/A

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

