

Certificate of Analysis

Sample Name: choc mnt
Client: Soma Kratom
Sample Code: DTS-260627-002
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Tue, Jun 30, 2026
Published Date: Mon, Jul 6, 2026
Batch/Lot Code: A0626c-1
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 1.0379g (Density (g/mL))

RESULT SUMMARY	
Mitragynine	20.76 mg /serv
Total Major Alkaloids	22.08 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, Jul 6, 2026			Cambium Analytica Monday, Jul 6, 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-260627-002-02 - MON, JUL 6, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.9998 %	19.9978 mg/g	20.76 mg	20.76 mg	N/A	0.0487 mg/g	0.0973 mg/g	N / A
Paynantheine	0.0731 %	0.7310 mg/g	0.76 mg	0.76 mg	N/A	0.0487 mg/g	0.0973 mg/g	N / A
Speciogynine	0.0449 %	0.4492 mg/g	0.47 mg	0.47 mg	N/A	0.0487 mg/g	0.0973 mg/g	N / A
Speciociliatine	0.0100 %	0.0998 mg/g	0.10 mg	0.10 mg	N/A	0.0487 mg/g	0.0973 mg/g	N / A
Total Major Alkaloids *	2.1278 %	21.2778 mg/g	22.08 mg	22.08 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-260627-002-01 - SUN, JUL 5, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00287 %	0.02873 mg/g	0.03 mg	0.03 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00002 %	0.00017 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids *	0.00289 %	0.02890 mg/g	0.03 mg	0.03 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 - 25g

LAB-TM-063 - Qualitative Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements

SAL-DTS-260627-002-01 - THU, JUL 2, 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-260627-002-01 - WED, JUL 1, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0379 g/mL	N/A	N/A	N/A	N / A
Specific Gravity *	1.0398	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	42.313 ug/kg	117.536 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	8.463 ug/kg	29.384 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	N/A	5.172 ug/kg	29.384 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	1.646 ug/kg	2.938 ug/kg	N/A

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

