

Certificate of Analysis

Sample Name: soma300
Client: Soma Kratom
Sample Code: DTS-260627-001
Matrix Name: Emulsion - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Tue, Jun 30, 2026
Published Date: Tue, Jul 7, 2026
Batch/Lot Code: A06263-1
Batch Size: N/A
Sample Size: 1U

RESULT SUMMARY	
Mitragynine	2.0601 %
Total Major Alkaloids	2.1956 %

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:			RESULTS CERTIFIED BY:		
	Leslie Nagy Laboratory Director	Cambium Analytica Tuesday, Jul 7, 2026		Douglas Smith VP - Scientific Operations	Cambium Analytica Tuesday, Jul 7, 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-260627-001-01 - THU, JUL 2, 2026 						
Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Mitragynine	2.0601 %	20.6012 mg/g	N/A	0.0484 mg/g	0.0969 mg/g	N / A
Paynantheine	0.0773 %	0.7726 mg/g	N/A	0.0484 mg/g	0.0969 mg/g	N / A
Speciogynine	0.0468 %	0.4678 mg/g	N/A	0.0484 mg/g	0.0969 mg/g	N / A
Speciociliatine	0.0114 %	0.1143 mg/g	N/A	0.0484 mg/g	0.0969 mg/g	N / A
Total Major Alkaloids *	2.1956 %	21.9558 mg/g	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-260627-001-01 - TUE, JUL 7, 2026 						
Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00804 %	0.08041 mg/g	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00003 %	0.00028 mg/g	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids *	0.00807 %	0.08069 mg/g	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-260627-001-01 - 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-260627-001-01 - WED, JUL 1, 2026 					
Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0357 g/mL	N/A	N/A	N/A	N / A
Specific Gravity *	1.0376	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)	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	43.774 ug/kg	121.595 ug/kg	N / A
Cadmium	ND	N/A	N/A	8.755 ug/kg	30.399 ug/kg	N / A
Lead	ND	N/A	N/A	5.350 ug/kg	30.399 ug/kg	N / A
Mercury	ND	N/A	N/A	1.702 ug/kg	3.040 ug/kg	N / A

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

