

Certificate of Analysis

Sample Name: Sumatra - Mango - 200mg Tab
Client: Sumatra & Co.
Sample Code: DTS-260521-025
Matrix Name: Pill - Tablet
Type / Result: Quality Assurance - Pass



Received Date: Tue, May 26, 2026
Published Date: Mon, Jun 1, 2026
Batch/Lot Code: 30015
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 1.0217g (One serving is 1/2 of one unit. 4 servings/package.)

RESULT SUMMARY	
Mitragynine	83.01 mg /serv
Total Major Alkaloids	83.91 mg /serv

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director

Cambium Analytica
Monday, Jun 1, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Monday, Jun 1, 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-260521-025-01 - FRI, MAY 29, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	16.2502 %	162.5018 mg/g	83.01 mg	332.06 mg	N/A	0.8069 mg/g	1.6139 mg/g	N / A
Paynantheine	0.1756 %	1.7560 mg/g	0.90 mg	3.59 mg	N/A	0.8069 mg/g	1.6139 mg/g	N / A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.8069 mg/g	1.6139 mg/g	N / A
Speciogynine	ND	N/A	N/A	N/A	N/A	0.8069 mg/g	1.6139 mg/g	N / A
Total Major Alkaloids*	16.4258 %	164.2578 mg/g	83.91 mg	335.64 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-260521-025-01 - FRI, MAY 29, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00401 %	0.04009 mg/g	0.02 mg	0.08 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.00401 %	0.04009 mg/g	0.02 mg	0.08 mg	N/A	N/A	N/A	N / A

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



Certificate of Analysis

Sample Name: Sumatra - Lemonade - 200mg Tab
Client: Sumatra & Co.
Sample Code: DTS-260521-026
Matrix Name: Pill - Tablet
Type / Result: Quality Assurance - Pass



Received Date: Tue, May 26, 2026
Published Date: Mon, Jun 1, 2026
Batch/Lot Code: 30016
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 0.99035g (One serving is 1/2 of one unit. 4 servings/package.)

RESULT SUMMARY	
Mitragynine	83.44 mg /serv
Total Major Alkaloids	84.35 mg /serv

ALKU ✓
Kratom Alkaloids
High Level

ALKL ✓
Kratom Alkaloids
Low Level

Approvals					
RESULTS REVIEWED BY:			RESULTS CERTIFIED BY:		
	Leslie Nagy Laboratory Director	Cambium Analytica Monday, Jun 1, 2026		Douglas Smith VP - Scientific Operations	Cambium Analytica Monday, Jun 1, 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-260521-026-01 - FRI, MAY 29, 2026



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	16.8506 %	168.5063 mg/g	83.44 mg	333.76 mg	N/A	0.8239 mg/g	1.6478 mg/g	N / A
Paynantheine	0.1828 %	1.8284 mg/g	0.91 mg	3.62 mg	N/A	0.8239 mg/g	1.6478 mg/g	N / A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.8239 mg/g	1.6478 mg/g	N / A
Speciogynine	ND	N/A	N/A	N/A	N/A	0.8239 mg/g	1.6478 mg/g	N / A
Total Major Alkaloids*	17.0335 %	170.3347 mg/g	84.35 mg	337.38 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-260521-026-01 - FRI, MAY 29, 2026



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00376 %	0.03759 mg/g	0.02 mg	0.07 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.00376 %	0.03759 mg/g	0.02 mg	0.07 mg	N/A	N/A	N/A	N / A

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



Certificate of Analysis

Sample Name: Sumatra - Wild Cherry - 200mg Tab
Client: Sumatra & Co.
Sample Code: DTS-260521-027
Matrix Name: Pill - Tablet
Type / Result: Quality Assurance - Pass



Received Date: Tue, May 26, 2026
Published Date: Mon, Jun 1, 2026
Batch/Lot Code: 30017
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 1.00575g (One serving is 1/2 of one unit. 4 servings/package.)

RESULT SUMMARY	
Mitragynine	83.32 mg /serv
Total Major Alkaloids	84.34 mg /serv

ALKU ✓
Kratom Alkaloids
High Level

ALKL ✓
Kratom Alkaloids
Low Level

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director

Cambium Analytica
Monday, Jun 1, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Monday, Jun 1, 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-260521-027-01 - FRI, MAY 29, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	16.5686 %	165.6864 mg/g	83.32 mg	333.28 mg	N/A	0.8027 mg/g	1.6055 mg/g	N / A
Paynantheine	0.2028 %	2.0281 mg/g	1.02 mg	4.08 mg	N/A	0.8027 mg/g	1.6055 mg/g	N / A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.8027 mg/g	1.6055 mg/g	N / A
Speciogynine	<LOQ	N/A	N/A	N/A	N/A	0.8027 mg/g	1.6055 mg/g	N / A
Total Major Alkaloids*	16.7715 %	167.7146 mg/g	84.34 mg	337.36 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-260521-027-01 - FRI, MAY 29, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00382 %	0.03815 mg/g	0.02 mg	0.08 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.00382 %	0.03815 mg/g	0.02 mg	0.08 mg	N/A	N/A	N/A	N / A

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

