

Certificate of Analysis

Sample Name: Raw Capsules
Client: Kr8om
Sample Code: DTS-260601-046
Matrix Name: Pill - Capsule
Type / Result: Quality Assurance - Pass



Received Date: Tue, Jun 2, 2026
Published Date: Fri, Jun 5, 2026
Batch/Lot Code: 26RM0527MD1X
Batch Size: 80kg
Sample Size: 10g
Average Unit Weight: 0.92981g

RESULT SUMMARY	
Mitragynine	11.05 mg /serv
Total Major Alkaloids	17.82 mg /serv

ALKU

Kratom Alkaloids
High Level

ALKL

Kratom Alkaloids
Low Level

Approvals

RESULTS REVIEWED BY:

 **Leslie Nagy**
Laboratory Director
Cambium Analytica
Friday, Jun 5, 2026

RESULTS CERTIFIED BY:

 **Douglas Smith**
VP - Scientific Operations
Cambium Analytica
Friday, Jun 5, 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-260601-046-01 - FRI, JUN 5, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.1885 %	11.8850 mg/g	11.05 mg	11.05 mg	N/A	0.0507 mg/g	0.1014 mg/g	N / A
Speciociliatine	0.3296 %	3.2961 mg/g	3.06 mg	3.06 mg	N/A	0.0507 mg/g	0.1014 mg/g	N / A
Paynantheine	0.2276 %	2.2760 mg/g	2.12 mg	2.12 mg	N/A	0.0507 mg/g	0.1014 mg/g	N / A
Speciogynine	0.1707 %	1.7073 mg/g	1.59 mg	1.59 mg	N/A	0.0507 mg/g	0.1014 mg/g	N / A
Total Major Alkaloids*	1.9164 %	19.1643 mg/g	17.82 mg	17.82 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-260601-046-01 - FRI, JUN 5, 2026 								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00232 %	0.02323 mg/g	0.02 mg	0.02 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00001 %	0.00010 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.00233 %	0.02333 mg/g	0.02 mg	0.02 mg	N/A	N/A	N/A	N / A

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

