

Certificate of Analysis

Sample Name: Liquid Extract
Client: Kr8om
Sample Code: DTS-260122-029
Matrix Name: Extract - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Thu, Jan 29, 2026
Published Date: Wed, Feb 4, 2026
Batch/Lot Code: FL012226BA09
Batch Size: 189L
Sample Size: 12mL
Average Unit Weight: 1.11g (Density (g/mL))

RESULT SUMMARY	
Mitragynine	7.17 mg /serv
Total Major Alkaloids	12.58 mg /serv

ALKU

Kratom Alkaloids

High Level

ALKL

Kratom Alkaloids

Low Level

DEN

Density of Liquids

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Wednesday, Feb 4, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Wednesday, Feb 4, 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-260122-029-02 - WED, FEB 4, 2026								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.6457 %	6.4570 mg/g	7.17 mg	7.17 mg	N/A	0.0506 mg/g	0.1011 mg/g	N / A
Speciociliatine	0.2406 %	2.4062 mg/g	2.67 mg	2.67 mg	N/A	0.0506 mg/g	0.1011 mg/g	N / A
Paynantheine	0.1353 %	1.3534 mg/g	1.50 mg	1.50 mg	N/A	0.0506 mg/g	0.1011 mg/g	N / A
Speciogynine	0.1117 %	1.1165 mg/g	1.24 mg	1.24 mg	N/A	0.0506 mg/g	0.1011 mg/g	N / A
Total Major Alkaloids*	1.1333 %	11.3331 mg/g	12.58 mg	12.58 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-260122-029-01 - TUE, FEB 3, 2026								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00005 %	0.00052 mg/g	0.00 mg	0.00 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*	0.00005 %	0.00052 mg/g	0.00 mg	0.00 mg	N/A	N/A	N/A	N / A

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

DEN Density of Liquids LAB-TM-017 - Brix & Density Analysis DEN-DTS-260122-029-01 - FRI, JAN 30, 2026						ISO 17025 ACCU 100107		
Analyte	Value	Action Limit	LOD	LOQ	Status			
Density	1.1100 g/mL	N/A	N/A	N/A	N / A			
Specific Gravity*	1.1120	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]

