

Certificate of Analysis

Sample Name: Liquid Extract
Client: Kr8om
Sample Code: DTS-260217-031
Matrix Name: Extract - Liquid
Type / Result: Quality Assurance - Pass



Received Date: Mon, Feb 23, 2026
Published Date: Thu, Feb 26, 2026
Batch/Lot Code: FL021726MD9.9
Batch Size: 189L
Sample Size: 12mL
Average Unit Weight: 1.1068g (Density (g/mL))

RESULT SUMMARY	
Mitragynine	7.33 mg /serv
Total Major Alkaloids	12.13 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
Thursday, Feb 26, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Thursday, Feb 26, 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-260217-031-02 - THU, FEB 26, 2026								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.6622 %	6.6216 mg/g	7.33 mg	7.33 mg	N/A	0.0005 mg/g	0.001 mg/g	N / A
Speciociliatine	0.2154 %	2.1545 mg/g	2.38 mg	2.38 mg	N/A	0.0005 mg/g	0.001 mg/g	N / A
Paynantheine	0.1224 %	1.2241 mg/g	1.35 mg	1.35 mg	N/A	0.0005 mg/g	0.001 mg/g	N / A
Speciogynine	0.0958 %	0.9582 mg/g	1.06 mg	1.06 mg	N/A	0.0005 mg/g	0.001 mg/g	N / A
Total Major Alkaloids*	1.0958 %	10.9584 mg/g	12.13 mg	12.13 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-260217-031-01 - THU, FEB 26, 2026								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00008 %	0.00075 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*	0.00008 %	0.00075 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-260217-031-01 - TUE, FEB 24, 2026						ISO 17025 ACQ 100107		
Analyte	Value	Action Limit	LOD	LOQ	Status			
Density	1.1068 g/mL	N/A	N/A	N/A	N / A			
Specific Gravity*	1.1088	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]

