

Certificate of Analysis

Sample Name: MOON WALKER KRATOM CHEWABLE TABLET 250MG NATURAL
Client: Moon Walker Bota LLC
Sample Code: DTS-251212-016
Matrix Name: Pill - Tablet
Type / Result: Quality Assurance - Pass



Received Date: Mon, Dec 15, 2025
Published Date: Thu, Dec 18, 2025
Batch/Lot Code: 027101003
Batch Size: 5.9kg
Sample Size: 590mg
Average Unit Weight: 0.59095g


RESULT SUMMARY

Mitragynine	109.00 mg /serv
Total Major Alkaloids	119.33 mg /serv


ALKU ✓ Kratom Alkaloids High Level	ALKL ✓ Kratom Alkaloids Low Level	MOS ✓ Moisture Content Loss on Drying	7OHFL ✓ 7-Hydroxymitragynine Florida
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Approvals

RESULTS REVIEWED BY:

 **Leslie Varela**
Laboratory Director
Cambium Analytica
Thursday, Dec 18, 2025

RESULTS CERTIFIED BY:

 **Douglas Smith**
VP - Scientific
Operations
Cambium Analytica
Thursday, Dec 18, 2025

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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-251212-016-01 - TUE, DEC 16, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	18.4442 %	184.4419 mg/g	109.00 mg	109.00 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.9878 %	9.8777 mg/g	5.84 mg	5.84 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.5368 %	5.3682 mg/g	3.17 mg	3.17 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.2245 %	2.2451 mg/g	1.33 mg	1.33 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids*	20.1933 %	201.9330 mg/g	119.33 mg	119.33 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-251212-016-01 - WED, DEC 17, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.02909 %	0.29088 mg/g	0.17 mg	0.17 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*	0.02909 %	0.29088 mg/g	0.17 mg	0.17 mg	N/A	N/A	N/A	N/A

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

MOS

Moisture Content - Loss on Drying

LAB-TM-008 - Loss on Drying
 MOS-DTS-251212-016-01 - THU, DEC 18, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Moisture	3.80 %	N/A	N/A	N/A	N/A

7OHFL

7-Hydroxymitragynine - Florida - Dry-Weight Basis

7-Hydroxymitragynine - (Florida — Dry-Weight Basis)
 7OHFL-DTS-251212-016-01 - THU, DEC 18, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine - As Received*	290.90 ppm	N/A	N/A	N/A	N/A
7-Hydroxymitragynine - Dry-Weight*	302.39 ppm	400 ppm	N/A	N/A	PASS
Moisture (%) by Input*	3.80 %	N/A	N/A	N/A	N/A

*7-Hydroxymitragynine - As Received: The "As Received" value represents the concentration of 7-hydroxymitragynine, expressed in parts per million (ppm), as reported in the Kratom Alkaloids - Low Level test. This corresponds to the measured percentage of 7-hydroxymitragynine in the sample as received.

*7-Hydroxymitragynine (Dry-Weight Basis): The dry weight concentration of 7-hydroxymitragynine is calculated using the following formula: Dry Weight 7-Hydroxymitragynine (ppm) = 7-Hydroxymitragynine (ppm) x (100 / (100 - Moisture by Input (%)))

*The Moisture (%) by Input result may represent either a client-provided input or a value measured by Cambium. This value is incorporated into associated calculated analytes for reporting purposes.

