

Certificate of Analysis

Sample Name: MOON WALKER KRATOM CHEWABLE TABLET 250MG MIGHTY MANGO

Client: Moon Walker Bota LLC

Sample Code: DTS-251212-012

Matrix Name: Pill - Tablet

Type / Result: Quality Assurance - Pass



Received Date: Mon, Dec 15, 2025

Published Date: Thu, Dec 18, 2025

Batch/Lot Code: 027101006MG

Batch Size: 5.90kg

Sample Size: 590mg/kg

Average Unit Weight: 0.584725g

RESULT SUMMARY	
Mitragynine	108.92 mg /serv
Total Major Alkaloids	116.92 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




<div>ALKU</div> <div>Kratom Alkaloids - High Level</div> <div>LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD</div> <div>ALKU-DTS-251212-012-01 - TUE, DEC 16, 2025</div>								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	18.6278 %	186.2783 mg/g	108.92 mg	108.92 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.8150 %	8.1499 mg/g	4.77 mg	4.77 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.4312 %	4.3117 mg/g	2.52 mg	2.52 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	0.1222 %	1.2216 mg/g	0.71 mg	0.71 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids*	19.9962 %	199.9616 mg/g	116.92 mg	116.92 mg	N/A	N/A	N/A	N / A

*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogynine.

<div>ALKL</div> <div>Kratom Alkaloids - Low Level</div> <div>LAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ</div> <div>ALKL-DTS-251212-012-01 - WED, DEC 17, 2025</div> <div></div>								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.02959 %	0.29589 mg/g	0.17 mg	0.17 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00026 %	0.00257 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.02985 %	0.29846 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.

<div>MOS</div> <div>Moisture Content - Loss on Drying</div> <div>LAB-TM-008 - Loss on Drying</div> <div>MOS-DTS-251212-012-01 - THU, DEC 18, 2025</div> <div></div>					
Analyte	Value	Action Limit	LOD	LOQ	Status
Moisture	4.30 %	N/A	N/A	N/A	N / A

<div>7OHFL</div> <div>7-Hydroxymitragynine - Florida - Dry-Weight Basis</div> <div>7-Hydroxymitragynine - (Florida — Dry-Weight Basis)</div> <div>7OHFL-DTS-251212-012-01 - THU, DEC 18, 2025</div>					
Analyte	Value	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine - As Received*	295.90 ppm	N/A	N/A	N/A	N / A
7-Hydroxymitragynine - Dry-Weight*	309.20 ppm	400 ppm	N/A	N/A	PASS
Moisture (%) by Input*	4.30 %	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.

