

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

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



Kratom Alkaloids - High Level								
ALKU	LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD							
ALKU-DTS-251212-012-01 - TUE, DEC 16, 2025								
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.

Kratom Alkaloids - Low Level								
ALKL	LAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ							
ALKL-DTS-251212-012-01 - WED, DEC 17, 2025								
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.

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

7-Hydroxymitragynine - Florida - Dry-Weight Basis								
7OHFL	7-Hydroxymitragynine - (Florida — Dry-Weight Basis)							
7OHFL-DTS-251212-012-01 - THU, DEC 18, 2025								
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.

