

Certificate of Analysis

Sample Name: MOON WALKER KRATOM CHEWABLE TABLET 250MG WATERMELON

Client: Moon Walker Bota LLC

Sample Code: DTS-251212-013

Matrix Name: Pill - Tablet

Type / Result: Quality Assurance - Pass



an NSF company



Received Date: Mon, Dec 15, 2025
Published Date: Thu, Dec 18, 2025
Batch/Lot Code: 027101008WM
Batch Size: 5.90kg
Sample Size: 590mg
Average Unit Weight: 0.593225g

RESULT SUMMARY

Mitragynine	111.14 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

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 LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-251212-013-01 - TUE, DEC 16, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	18.7353 %	187.3527 mg/g	111.14 mg	111.14 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.8211 %	8.2107 mg/g	4.87 mg	4.87 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.4338 %	4.3381 mg/g	2.57 mg	2.57 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.1252 %	1.2516 mg/g	0.74 mg	0.74 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids*	20.1153 %	201.1531 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 LevelLAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ
ALKL-DTS-251212-013-01 - WED, DEC 17, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.02916 %	0.29162 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*	0.02942 %	0.29419 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 DryingLAB-TM-008 - Loss on Drying
MOS-DTS-251212-013-01 - THU, DEC 18, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Moisture	4.20 %	N/A	N/A	N/A	N/A

7OHFL

7-Hydroxymitragynine - Florida - Dry-Weight Basis7-Hydroxymitragynine - (Florida — Dry-Weight Basis)
7OHFL-DTS-251212-013-01 - THU, DEC 18, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine - As Received*	291.60 ppm	N/A	N/A	N/A	N/A
7-Hydroxymitragynine - Dry-Weight*	304.38 ppm	400 ppm	N/A	N/A	PASS
Moisture (%) by Input*	4.20 %	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.

