Certificate of Analysis

Sample Name: Kplex 200mg Tablets Unflavored
Client: Prof Whyte's Kratom
Sample Code: DTS-260527-023
Matrix Name: Pill - Tablet
Type / Result: Batch Release - Pass

cambium analytica
an NSF company

Received Date: Fri, May 29, 2026
Published Date: Tue, Jun 2, 2026
Batch/Lot Code: 0520262002
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 0.9335g (One serving is 1/4 of a unit. 20 servings/package.)

RESULT SUMMARY

Mitragynine	43.42 mg /serv
Total Major Alkaloids	46.99 mg /serv

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

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director
Cambium Analytica
Tuesday, Jun 2, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tuesday, Jun 2, 2026

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-260527-023-04 - TUE, JUN 2, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	18.6053 %	186.0532 mg/g	43.42 mg	868.40 mg	N/A	0.6974 mg/g	1.3947 mg/g	N/A
Paynantheine	0.8469 %	8.4689 mg/g	1.98 mg	39.53 mg	N/A	0.6974 mg/g	1.3947 mg/g	N/A
Speciogynine	0.4440 %	4.4397 mg/g	1.04 mg	20.72 mg	N/A	0.6974 mg/g	1.3947 mg/g	N/A
Speciociliatine	0.2387 %	2.3873 mg/g	0.56 mg	11.14 mg	N/A	0.6974 mg/g	1.3947 mg/g	N/A
Total Major Alkaloids*	20.1349 %	201.3490 mg/g	46.99 mg	939.80 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-260527-023-01 - TUE, JUN 2, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.01250 %	0.12500 mg/g	0.03 mg	0.58 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*	0.01250 %	0.12500 mg/g	0.03 mg	0.58 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-260527-023-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Moisture	2.20 %	N/A	N/A	N/A	N/A

7OHFL

7–Hydroxymitragynine - Florida - Dry–Weight Basis

7–Hydroxymitragynine - (Florida — Dry–Weight Basis)
7OHFL-DTS-260527-023-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine - As Received*	125.00 ppm	N/A	N/A	N/A	N/A
7-Hydroxymitragynine - Dry-Weight*	127.81 ppm	400 ppm	N/A	N/A	PASS

**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 (%)))*