

# Certificate of Analysis



**Sample Name:** Kplex 200mg Tablets Blue Razz  
**Client:** Prof Whyte's Kratom  
**Sample Code:** DTS-260527-022  
**Matrix Name:** Pill - Tablet  
**Type / Result:** Batch Release - Pass



**Received Date:** Fri, May 29, 2026  
**Published Date:** Tue, Jun 2, 2026  
**Batch/Lot Code:** 0520262001  
**Batch Size:** N/A  
**Sample Size:** 1U  
**Average Unit Weight:** 0.994g (One serving is 1/4 of a unit. 20 servings/package.)

## RESULT SUMMARY

Mitragynine	44.59 mg /serv
Total Major Alkaloids	46.51 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 Nagy**  
Laboratory Director  
Cambium Analytica  
Tuesday, Jun 2, 2026

### RESULTS CERTIFIED BY:

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

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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-260527-022-03 - TUE, JUN 2, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	17.9447 %	179.4468 mg/g	44.59 mg	891.85 mg	N/A	0.7744 mg/g	1.5489 mg/g	N/A
Paynantheine	0.5015 %	5.0151 mg/g	1.25 mg	24.93 mg	N/A	0.7744 mg/g	1.5489 mg/g	N/A
Speciogynine	0.2708 %	2.7076 mg/g	0.67 mg	13.46 mg	N/A	0.7744 mg/g	1.5489 mg/g	N/A
Speciociliatine	<LOQ	N/A	N/A	N/A	N/A	0.7744 mg/g	1.5489 mg/g	N/A
Total Major Alkaloids*	18.7170 %	187.1695 mg/g	46.51 mg	930.23 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-260527-022-01 - TUE, JUN 2, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.01106 %	0.11057 mg/g	0.03 mg	0.55 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*	0.01106 %	0.11057 mg/g	0.03 mg	0.55 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-260527-022-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Moisture	2.80 %	N/A	N/A	N/A	N/A

7OHFL

**7-Hydroxymitragynine - Florida - Dry-Weight Basis**7-Hydroxymitragynine - (Florida — Dry-Weight Basis)  
7OHFL-DTS-260527-022-01 - TUE, JUN 2, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine - As Received*	110.57 ppm	N/A	N/A	N/A	N/A
7-Hydroxymitragynine - Dry-Weight*	113.75 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 (%)))

