

Certificate of Analysis



Sample Name: 45% .5g oval tablets Lot#25-06/331/X/45/A
Client: Pure Infinity Botanicals
Sample Code: DTS-260120-035
Matrix Name: Pill - Tablet
Type / Result: N/A - Pass

Received Date: Mon, Jan 26, 2026
Published Date: Wed, Jan 28, 2026
Batch/Lot Code: 859-17-002
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 0.4851g

RESULT SUMMARY

| | |
|-----------------------|----------------|
| Mitragynine | 44.62 mg /serv |
| Total Major Alkaloids | 54.97 mg /serv |




ALKU
Kratom Alkaloids
High Level


ALKL
Kratom Alkaloids
Low Level

Approvals

RESULTS REVIEWED BY:

 **Leslie Varela**
Laboratory Director
Cambium Analytica
Wednesday, Jan 28, 2026

RESULTS CERTIFIED BY:

 **Douglas Smith**
VP - Scientific Operations
Cambium Analytica
Wednesday, Jan 28, 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 LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-260120-035-01 - WED, JAN 28, 2026

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|------------------------|-----------|---------------|-------------|-------------|--------------|----------|----------|--------|
| Mitragynine | 9.1976 % | 91.9758 mg/g | 44.62 mg | 44.62 mg | N/A | 0.3 ug/g | 0.5 ug/g | N/A |
| Paynantheine | 1.2571 % | 12.5715 mg/g | 6.10 mg | 6.10 mg | N/A | 0.3 ug/g | 0.5 ug/g | N/A |
| Speciogynine | 0.5451 % | 5.4508 mg/g | 2.64 mg | 2.64 mg | N/A | 0.3 ug/g | 0.5 ug/g | N/A |
| Speciociliatine | 0.3322 % | 3.3216 mg/g | 1.61 mg | 1.61 mg | N/A | 0.3 ug/g | 0.5 ug/g | N/A |
| Total Major Alkaloids* | 11.3320 % | 113.3196 mg/g | 54.97 mg | 54.97 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-260120-035-01 - WED, JAN 28, 2026

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|------------------------|-----------|--------------|-------------|-------------|--------------|------------|------------|--------|
| 7-Hydroxymitragynine | 0.00342 % | 0.03417 mg/g | 0.02 mg | 0.02 mg | N/A | 0.002 ug/g | 0.011 ug/g | N/A |
| Mitraphylline | 0.00019 % | 0.00190 mg/g | 0.00 mg | 0.00 mg | N/A | 0.004 ug/g | 0.019 ug/g | N/A |
| Total Minor Alkaloids* | 0.00361 % | 0.03607 mg/g | 0.02 mg | 0.02 mg | N/A | N/A | N/A | N/A |

*Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.