

Certificate of Analysis



Sample Name: Uchie - Pineapple Sparkling Kratom Kava Seltzer
Client: Marina Tech
Sample Code: DTS-260128-070
Matrix Name: Beverage
Type / Result: Quality Assurance - Pass



Received Date: Thu, Jan 29, 2026
Published Date: Wed, Feb 4, 2026
Batch/Lot Code: N-1637
Batch Size: N/A
Sample Size: 355mL
Average Unit Weight: 345.27g

RESULT SUMMARY

| | |
|--------------------------------|----------------|
| Total Kavalactones and Kavains | 64.78 mg /serv |
| Total Kavalactones | 63.46 mg /serv |
| Total Flavokavains | 1.32 mg /serv |
| Mitragynine | 31.73 mg /serv |
| Total Major Alkaloids | 31.73 mg /serv |

| | | | |
|--|---|--|-------------------|
| KAVAL ✓ Kavalactones & Kavains | ALKU ✓ Kratom Alkaloids High Level | ALKL ✓ Kratom Alkaloids Low Level | PH ✓ pH |
|--|---|--|-------------------|

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Wednesday, Feb 4, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Wednesday, Feb 4, 2026

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.

Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157



KAVAL

Kavalactones & KavainsLAB-TM-067 - Determination of Kavalactones & Kavains by LC-DAD
KAVAL-DTS-260128-070-01 - TUE, FEB 3, 2026

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|---------------------------------|----------|--------------|-------------|-------------|--------------|------------|----------|--------|
| Kavain | 0.0056 % | 0.0558 mg/g | 19.26 mg | 19.26 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Dihydrokavain | 0.0055 % | 0.0546 mg/g | 18.86 mg | 18.86 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Yangonin | 0.0025 % | 0.0252 mg/g | 8.69 mg | 8.69 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Dihydromethysticin | 0.0020 % | 0.0203 mg/g | 7.02 mg | 7.02 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Methysticin | 0.0014 % | 0.0145 mg/g | 4.99 mg | 4.99 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Desmethoxyyangonin | 0.0013 % | 0.0134 mg/g | 4.64 mg | 4.64 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Flavokavain A | 0.0002 % | 0.0017 mg/g | 0.57 mg | 0.57 mg | N/A | 0.025 ug/g | 0.1 ug/g | N/A |
| Flavokavain B | 0.0002 % | 0.0022 mg/g | 0.75 mg | 0.75 mg | N/A | 0.025 ug/g | 0.1 ug/g | N/A |
| Total Kavalactones and Kavains* | 0.0188 % | 0.1876 mg/g | 64.78 mg | 64.78 mg | N/A | N/A | N/A | N/A |
| Total Kavalactones* | 0.0184 % | 0.1838 mg/g | 63.46 mg | 63.46 mg | N/A | N/A | N/A | N/A |
| Total Flavokavains* | 0.0004 % | 0.0038 mg/g | 1.32 mg | 1.32 mg | N/A | N/A | N/A | N/A |

*Total Kavalactones and Kavains is calculated as the sum of all quantified kavalactones and kavains.

*Total Kavalactones is calculated as the sum of all quantified kavalactones.

*Total Flavokavains is calculated as the sum of Flavokavain A, Flavokavain B and Flavokavain C.

ALKU

Kratom Alkaloids - High LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-260128-070-01 - TUE, FEB 3, 2026

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|------------------------|----------|--------------|-------------|-------------|--------------|-------------|-------------|--------|
| Mitragynine | 0.0092 % | 0.0919 mg/g | 31.73 mg | 31.73 mg | N/A | 0.0049 mg/g | 0.0097 mg/g | N/A |
| Paynantheine | ND | N/A | N/A | N/A | N/A | 0.0049 mg/g | 0.0097 mg/g | N/A |
| Speciociliatine | ND | N/A | N/A | N/A | N/A | 0.0049 mg/g | 0.0097 mg/g | N/A |
| Speciogyne | ND | N/A | N/A | N/A | N/A | 0.0049 mg/g | 0.0097 mg/g | N/A |
| Total Major Alkaloids* | 0.0092 % | 0.0919 mg/g | 31.73 mg | 31.73 mg | N/A | N/A | N/A | N/A |

*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogyne.

ALKL

Kratom Alkaloids - Low LevelLAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ
ALKL-DTS-260128-070-01 - TUE, FEB 3, 2026

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|------------------------|-----------|--------------|-------------|-------------|--------------|------------|------------|--------|
| 7-Hydroxymitragynine | 0.00000 % | 0.00002 mg/g | 0.01 mg | 0.01 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* | 0.00000 % | 0.00002 mg/g | 0.01 mg | 0.01 mg | N/A | N/A | N/A | N/A |

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



PH

pH
LAB-TM-018 - Determination of pH
PH-DTS-260128-070-01 - MON, FEB 2, 2026



| Analyte | Value | Action Limit | LOD | LOQ | Status |
|---------|-------|--------------|-----|-----|--------|
| pH | 2.679 | N/A | N/A | N/A | N/A |

