

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** LET'S CHILL-PINA COLADA  
**SAMPLE CODE:** DTS-250225-015  
**CLIENT:** KRATOM VIBES  
**BATCH RESULT:** PASS



**MATRIX NAME:** Beverage  
**SAMPLE TYPE:** Compliance  
**RECEIVED DATE:** Wed, Feb 26, 2025  
**PUBLISHED DATE:** Mon, Mar 3, 2025  
**BATCH/LOT CODE:** 4734.1  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 62.382g (Density (1.0397 g/mL) x 60mL package. 4 servings/package.)

<b>MITRAGYNINE</b>	14.36 mg / serv
<b>TOTAL MAJOR ALKALOIDS</b>	14.36 mg / serv
<b>TOTAL MINOR ALKALOIDS</b>	0.09 mg / serv

KAVAL ✓  
Kavalactones & Kavains

ALKU ✓  
Kratom Alkaloids  
High Level

ALKL ✓  
Kratom Alkaloids  
Low Level

## APPROVALS

**RESULTS REVIEWED BY:**

**Leslie Varela**  
Laboratory Director

Cambium Analytica  
Monday, Mar 3, 2025

**RESULTS CERTIFIED BY:**

**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Monday, Mar 3, 2025

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KAVAL

**KAVALACTONES & KAVAINS**LAB-TM-067 - DETERMINATION OF KAVALACTONES & KAVAINS BY LC-DAD  
KAVAL-DTS-250225-015-01 - FRI, FEB 28, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Dihydrokavain	0.0382 %	0.382 mg/g	5.97 mg	23.89 mg	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	0.0267 %	0.267 mg/g	4.17 mg	16.68 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.0152 %	0.152 mg/g	2.37 mg	9.49 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.0131 %	0.131 mg/g	2.05 mg	8.21 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.00857 %	0.0857 mg/g	1.34 mg	5.35 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.00683 %	0.0683 mg/g	1.07 mg	4.26 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.00298 %	0.0298 mg/g	0.47 mg	1.86 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.00187 %	0.0187 mg/g	0.29 mg	1.17 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains	0.113 %	1.13 mg/g	17.73 mg	70.91 mg	N/A			N/A
Total Kavalactones	0.108 %	1.08 mg/g	16.97 mg	67.87 mg	N/A			N/A

ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250225-015-02 - MON, MAR 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.0921 %	0.921 mg/g	14.36 mg	57.45 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.0921 %	0.921 mg/g	14.36 mg	57.45 mg	N/A	N/A	N/A	N/A

ALKL

**KRATOM ALKALOIDS - LOW LEVEL**LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ  
ALKL-DTS-250225-015-01 - MON, MAR 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00057 %	0.006 mg/g	0.09 mg	0.36 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	0.00057 %	0.006 mg/g	0.09 mg	0.36 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

