

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** LETS CHILL-LEMONADE  
**SAMPLE CODE:** DTS-250225-013  
**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:** 3834.0  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 62.526g (Density (1.0421 g/mL) x 60mL package. 4 servings/package.)

<b>MITRAGYNINE</b>	15.73 mg / serv
<b>TOTAL MAJOR ALKALOIDS</b>	15.96 mg / serv
<b>TOTAL MINOR ALKALOIDS</b>	0.10 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-250225-013-02 - FRI, FEB 28, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Dihydrokavain	0.0381 %	0.382 mg/g	5.97 mg	23.88 mg	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	0.0265 %	0.265 mg/g	4.15 mg	16.60 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.015 %	0.15 mg/g	2.35 mg	9.40 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.013 %	0.13 mg/g	2.04 mg	8.16 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.00864 %	0.0864 mg/g	1.35 mg	5.40 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.00665 %	0.0665 mg/g	1.04 mg	4.16 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.00295 %	0.0295 mg/g	0.46 mg	1.85 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.00185 %	0.0185 mg/g	0.29 mg	1.16 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains	0.112 %	1.12 mg/g	17.65 mg	70.62 mg	N/A			N/A
Total Kavalactones	0.108 %	1.08 mg/g	16.90 mg	67.61 mg	N/A			N/A

ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250225-013-02 - MON, MAR 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.1 %	1 mg/g	15.73 mg	62.90 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0014 %	0.014 mg/g	0.22 mg	0.88 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.00010 %	0.001 mg/g	0.02 mg	0.06 mg	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
Total Major Alkaloids	0.102 %	1.02 mg/g	15.96 mg	63.84 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-250225-013-01 - MON, MAR 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00064 %	0.006 mg/g	0.10 mg	0.40 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	0.00064 %	0.006 mg/g	0.10 mg	0.40 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

