

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** LET'S CHILL-POM BERRY  
**SAMPLE CODE:** DTS-250225-014  
**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:** 4834.5  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 62.4g (Density (1.04 g/mL) x 60mL package. 4 servings/package.)

**MITRAGYNINE** 16.97 mg / serv

**TOTAL MAJOR ALKALOIDS** 19.44 mg / serv

**TOTAL MINOR ALKALOIDS** 0.08 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-250225-014-02 - FRI, FEB 28, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Dihydrokavain	0.0417 %	0.417 mg/g	6.51 mg	26.05 mg	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	0.0313 %	0.313 mg/g	4.89 mg	19.58 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.0175 %	0.175 mg/g	2.74 mg	10.95 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.0144 %	0.144 mg/g	2.26 mg	9.05 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.0105 %	0.105 mg/g	1.64 mg	6.56 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.00969 %	0.0969 mg/g	1.51 mg	6.05 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.00328 %	0.0328 mg/g	0.51 mg	2.05 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.00223 %	0.0223 mg/g	0.35 mg	1.40 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains	0.13 %	1.3 mg/g	20.42 mg	81.68 mg	N/A			N/A
Total Kavalactones	0.125 %	1.25 mg/g	19.56 mg	78.23 mg	N/A			N/A

ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250225-014-02 - MON, MAR 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.108 %	1.08 mg/g	16.97 mg	67.89 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.00749 %	0.0749 mg/g	1.17 mg	4.68 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.00419 %	0.0419 mg/g	0.66 mg	2.62 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0041 %	0.041 mg/g	0.64 mg	2.56 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.124 %	1.24 mg/g	19.44 mg	77.75 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-250225-014-01 - MON, MAR 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00049 %	0.005 mg/g	0.08 mg	0.31 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	0.00049 %	0.005 mg/g	0.08 mg	0.31 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

