

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** ELECTRIC FRESH MIT MINTS  
**SAMPLE CODE:** DTS-250128-011  
**CLIENT:** 1836 KRATOM  
**BATCH RESULT:** PASS



**MATRIX NAME:** Edible Solid - Powder  
**SAMPLE TYPE:** Quality Assurance  
**RECEIVED DATE:** Wed, Jan 29, 2025  
**PUBLISHED DATE:** Mon, Feb 3, 2025  
**BATCH/LOT CODE:** SSEF0002 B0007  
**BATCH SIZE:** N/A  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 0.75g (3 mints at 0.25g/mint)

**MITRAGYNINE** 45.84 mg / serv

**TOTAL MAJOR ALKALOIDS** 46.08 mg / serv

**TOTAL MINOR ALKALOIDS** 0.01 mg / serv

ALKU ✓

**Kratom Alkaloids**  
High Level

ALKL ✓

**Kratom Alkaloids**  
Low Level

TAMC ✓

**Total Aerobic Bacteria**  
Plate

SS ✓

**Salmonella & STEC**  
qPCR

TYMFD ✓

**Total Yeast & Mold**  
Plate

## APPROVALS

### RESULTS REVIEWED BY:



**Leslie Varela**  
Laboratory Director

Cambium Analytica  
Monday, Feb 3, 2025

### RESULTS CERTIFIED BY:



**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Monday, Feb 3, 2025

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ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250128-011-02 - FRI, JAN 31, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	6.1116 %	61.116 mg/g	45.84 mg	45.84 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0318 %	0.318 mg/g	0.24 mg	0.24 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
Speciogygine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	6.1434 %	61.434 mg/g	46.08 mg	46.08 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-250128-011-01 - FRI, JAN 31, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00164 %	0.016 mg/g	0.01 mg	0.01 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	1E-05 %	0 mg/g	0.00 mg	0.00 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00165 %	0.017 mg/g	0.01 mg	0.01 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

TAMC

**TOTAL AEROBIC BACTERIA - PLATE**LAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS  
TAMC-DTS-250128-011-01 - FRI, JAN 31, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	ND	N/A	100 CFU/g	100 CFU/g	N/A

SS

**SALMONELLA & STEC- QPCR**LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR  
SS-DTS-250128-011-01 - FRI, JAN 31, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	N/A	N/A	N/A	N/A
Shiga Toxin Producing E. coli	ND	N/A	N/A	N/A	N/A

TYMFD

**TOTAL YEAST & MOLD - PLATE**LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS  
TYMFD-DTS-250128-011-01 - MON, FEB 3, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	ND	N/A	100 CFU/g	100 CFU/g	N/A

