

CERTIFICATE OF ANALYSIS

SAMPLE NAME: 1836 SUPERFIT
SAMPLE CODE: DTS-250206-007
CLIENT: 1836 KRATOM
BATCH RESULT: PASS

MATRIX NAME: Beverage
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Fri, Feb 7, 2025
PUBLISHED DATE: Thu, Feb 13, 2025
BATCH/LOT CODE: SSSF0002
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 376.92g

MITRAGYNINE 38.45 mg / serv

TOTAL MAJOR ALKALOIDS 38.45 mg / serv

TOTAL MINOR ALKALOIDS 0.11 mg / serv

CAFFEINE 163.37 mg / serv



ALKU ✓
Kratom Alkaloids
High Level

ALKL ✓
Kratom Alkaloids
Low Level

TAMC ✓
Total Aerobic Bacteria
Plate

SS ✓
Salmonella & STEC
qPCR

CAFFE ✓
Caffeine

TYMFD ✓
Total Yeast & Mold
Plate

APPROVALS

RESULTS REVIEWED BY:



Leslie Varela
Laboratory Director

Cambium Analytica
Thursday, Feb 13, 2025

RESULTS CERTIFIED BY:



Douglas Smith
VP - Scientific Operations

Cambium Analytica
Thursday, Feb 13, 2025

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-250206-007-02 - WED, FEB 12, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.0102 %	0.102 mg/g	38.45 mg	38.45 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
Speciogygine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.0102 %	0.102 mg/g	38.45 mg	38.45 mg	N/A	N/A	N/A	N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-250206-007-01 - WED, FEB 12, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00003 %	0 mg/g	0.11 mg	0.11 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	<LOQ	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00003 %	0 mg/g	0.11 mg	0.11 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

TAMC

TOTAL AEROBIC BACTERIA - PLATELAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS
TAMC-DTS-250206-007-01 - TUE, FEB 11, 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- QPCRLAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-DTS-250206-007-01 - WED, FEB 12, 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

CAFFE

CAFFEINELAB-TM-076 - DETERMINATION OF CAFFEINE AND MELATONIN BY HPLC
CAFFE-DTS-250206-007-02 - TUE, FEB 11, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Caffeine	0.0433 %	0.433 mg/g	163.37 mg	163.37 mg	N/A	0.494 ug/g	1.516 ug/g	N/A





TOTAL YEAST & MOLD - PLATE

LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS
TYMFD-DTS-250206-007-01 - WED, FEB 12, 2025

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

