

CERTIFICATE OF ANALYSIS

SAMPLE NAME: KRATOMADE - FOREST FRUIT

SAMPLE CODE: DTS-241104-018

CLIENT: BOTANAWAY

BATCH RESULT: PASS



1230 Woodmere Ave
Traverse City, MI 49686
231.252.3669
cambiumanalytica.com
License #:

MATRIX NAME: Other
SAMPLE TYPE: Compliance
RECEIVED DATE: Tue, Nov 5, 2024
PUBLISHED DATE: Fri, Nov 8, 2024
BATCH/LOT CODE: 7 92816 30147 0
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 3.2g (One serving is 1/2 of one unit. 2 servings/package)

MITRAGYNINE	54.85 mg / serv
TOTAL MAJOR ALKALOIDS	55.15 mg / serv
TOTAL MINOR ALKALOIDS	0.02 mg / serv



ALKU Kratom Alkaloids High Level	ALKL Kratom Alkaloids Low Level	TAMC Total Aerobic Bacteria Plate	TYMFD Total Yeast & Mold Plate	HPMET Heavy Metals 7
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Leslie Varela

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Friday, Nov 8, 2024

Douglas Smith

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Friday, Nov 8, 2024

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ALKU KRATOM ALKALOIDS - HIGH LEVEL LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD ALKU-DTS-241104-018-01 - FRI, NOV 8, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	3.428 %	34.284 mg/g	54.85 mg	109.71 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.018 %	0.181 mg/g	0.29 mg	0.58 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
Speciogyneine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	3.447 %	34.466 mg/g	55.15 mg	110.29 mg	N/A			N/A

ALKL KRATOM ALKALOIDS - LOW LEVEL LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ ALKL-DTS-241104-018-01 - FRI, NOV 8, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00126 %	0.01259 mg/g	0.02 mg	0.04 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	0.00126 %	0.01259 mg/g	0.02 mg	0.04 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-241104-018-01 - THU, NOV 7, 2024								
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS			
Total Aerobic Count	ND	N/A	100 CFU/g	100 CFU/g	N/A			



TYMFD TOTAL YEAST & MOLD - PLATE LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS TYMFD-DTS-241104-018-01 - FRI, NOV 8, 2024								
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS			
Total Yeast and Mold	ND	N/A	10 CFU/g	10 CFU/g	N/A			

HPMET HEAVY METALS - 7 LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS HPMET-DTS-241104-018-01 - THU, NOV 7, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.163 ug/g	N/A	0.26 ug	0.52 ug	N/A	0.198 ug/kg	0.662 ug/kg	N/A
Cadmium	0.008 ug/g	N/A	0.01 ug	0.03 ug	N/A	0.082 ug/kg	0.272 ug/kg	N/A
Chromium	0.644 ug/g	N/A	1.03 ug	2.06 ug	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Copper	0.304 ug/g	N/A	0.49 ug	0.97 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Lead	0.460 ug/g	N/A	0.74 ug	1.47 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	0.017 ug/kg	0.057 ug/kg	N/A
Nickel	0.463 ug/g	N/A	0.74 ug	1.48 ug	N/A	0.321 ug/kg	1.071 ug/kg	N/A

