

CERTIFICATE OF ANALYSIS

SAMPLE NAME: KRATOMADE - GRAPEFRUIT TONIC

SAMPLE CODE: DTS-241104-016

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 30143 2
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 3.2g (One serving is 1/2 of one unit. 2 servings/package)

MITRAGYNINE	47.83 mg / serv
TOTAL MAJOR ALKALOIDS	48.09 mg / serv
TOTAL MINOR ALKALOIDS	0.01 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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RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Friday, Nov 8, 2024


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-241104-016-01 - FRI, NOV 8, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.989 %	29.891 mg/g	47.83 mg	95.65 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.015 %	0.153 mg/g	0.24 mg	0.49 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.001 %	0.012 mg/g	0.02 mg	0.04 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	3.006 %	30.056 mg/g	48.09 mg	96.18 mg	N/A			N/A

ALKL KRATOM ALKALOIDS - LOW LEVEL LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ ALKL-DTS-241104-016-01 - FRI, NOV 8, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00082 %	0.00824 mg/g	0.01 mg	0.03 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	0.00082 %	0.00824 mg/g	0.01 mg	0.03 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-241104-016-01 - 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-241104-016-01 - 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-241104-016-01 - THU, NOV 7, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	N/A	0.198 ug/kg	0.662 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	0.082 ug/kg	0.272 ug/kg	N/A
Chromium	0.079 ug/g	N/A	0.13 ug	0.25 ug	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Copper	0.066 ug/g	N/A	0.11 ug	0.21 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Lead	0.084 ug/g	N/A	0.13 ug	0.27 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	0.053 ug/g	N/A	0.08 ug	0.17 ug	N/A	0.321 ug/kg	1.071 ug/kg	N/A

