

Certificate of Analysis

Sample Name: Part # 10200 - Golden Monk Green 1000CT Capsules
Client: MIT45
Sample Code: DTS-250708-012
Matrix Name: Pill - Capsule
Type / Result: Quality Assurance - Pass



Received Date: Wed, Jul 9, 2025
Published Date: Mon, Jul 14, 2025
Batch/Lot Code: 2448G
Batch Size: 1U
Sample Size: 1U
Average Unit Weight: 0.6373g (One serving is 5 capsules. 200 servings/package)

RESULT SUMMARY	
Mitragynine	27.19 mg /serv
Total Major Alkaloids	46.78 mg /serv
Total Minor Alkaloids	0.09 mg /serv

ALKU Kratom Alkaloids High Level	ALKL Kratom Alkaloids Low Level	SAL Salmonella qPCR	ECOLI Total Coliforms & E. coli Plate	TAMC Total Aerobic Bacteria Plate
SAUR Staphylococcus aureus Plate	TYMFD Total Yeast & Mold Plate	FTIRR Identification by FTIR Report		

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director
Cambium Analytica
Monday, Jul 14, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Monday, Jul 14, 2025

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.



ALKU Kratom Alkaloids - High Level LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD ALKU-DTS-250708-012-02 - MON, JUL 14, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.8534 %	8.5340 mg/g	27.19 mg	5438.72 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	0.3307 %	3.3070 mg/g	10.54 mg	2107.55 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.1811 %	1.8110 mg/g	5.77 mg	1154.15 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.1030 %	1.0300 mg/g	3.28 mg	656.42 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids	1.4682 %	14.6820 mg/g	46.78 mg	9356.84 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-250708-012-01 - MON, JUL 14, 2025 ISO ISO 17025 ACC0108167								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00250 %	0.02496 mg/g	0.08 mg	15.91 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00001 %	0.00008 mg/g	0.00 mg	0.05 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids	0.00275 %	0.02754 mg/g	0.09 mg	17.55 mg	N/A	0.006 ug/g	0.03 ug/g	N / A

SAL Salmonella - qPCR - 25g LAB-TM-063 - Detection and Isolation of Salmonella spp. in Foods and Dietary Supplements SAL-DTS-250708-012-01 - FRI, JUL 11, 2025 					
Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella Spp	ND	Detection	N/A	N/A	PASS

ECOLI Total Coliforms & E. coli - Plate - 25g - Full Range LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements ECOLI-DTS-250708-012-01 - FRI, JUL 11, 2025 					
Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	Detection	10 CFU/g	10 CFU/g	PASS
Total Coliforms	ND	1000 CFU/g	10 CFU/g	10 CFU/g	PASS

TAMC Total Aerobic Bacteria - Plate - 25g - Full Range LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements TAMC-DTS-250708-012-01 - FRI, JUL 11, 2025 ISO ISO 17025 ACC0108167					
Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	100000 CFU/g	1000 CFU/g	1000 CFU/g	PASS

SAUR Staphylococcus aureus Plate - 25g LAB-TM-062 - Enumeration of Staphylococcus aureus in Foods and Dietary Supplements SAUR-DTS-250708-012-01 - FRI, JUL 11, 2025 					
Analyte	Value	Action Limit	LOD	LOQ	Status
S. aureus	ND	Detection	10 CFU/g	10 CFU/g	PASS



TYMFD Total Yeast & Mold - Plate - 25g - Full Range LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements TYMFD-DTS-250708-012-01 - MON, JUL 14, 2025 					
Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N / A
Total Yeast	ND	N/A	10 CFU/g	10 CFU/g	N / A
Total Yeast and Mold	ND	1000 CFU/g	10 CFU/g	10 CFU/g	PASS

FTIRR Identification by FTIR - Report null Identification by FTIR FTIRR-DTS-250708-012-01 - THU, JUL 10, 2025					
Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	99.79 %	95 - 100 %	N/A	N/A	PASS

Matched Library Item: Golden MonkGreen 500 ct Capsule

