

Certificate of Analysis

Sample Name: Part # 10200 - Golden Monk Green (1000CT) Capsules
Client: MIT45
Sample Code: DTS-250813-062
Matrix Name: Pill - Capsule
Type / Result: Quality Assurance - Pass



Received Date: Thu, Aug 14, 2025
Published Date: Tue, Aug 19, 2025
Batch/Lot Code: 2502G
Batch Size: 1U
Sample Size: 1U
Average Unit Weight: 0.6162g (One serving is 5 capsules. 200 servings/package.)

RESULT SUMMARY	
Mitragynine	31.61 mg /serv
Total Major Alkaloids	52.74 mg /serv
Total Minor Alkaloids	0.06 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
Tuesday, Aug 19, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Tuesday, Aug 19, 2025

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ALKU Kratom Alkaloids - High Level LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD ALKU-DTS-250813-062-01 - MON, AUG 18, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.0261 %	10.2609 mg/g	31.61 mg	6322.77 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	0.3375 %	3.3747 mg/g	10.40 mg	2079.50 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.2183 %	2.1832 mg/g	6.73 mg	1345.29 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.1299 %	1.2987 mg/g	4.00 mg	800.28 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids	1.7118 %	17.1176 mg/g	52.74 mg	10547.84 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-250813-062-01 - MON, AUG 18, 2025 ISO ISO 17025 ACCREDITED								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00197 %	0.01968 mg/g	0.06 mg	12.13 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00001 %	0.00007 mg/g	0.00 mg	0.05 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids	0.00198 %	0.01975 mg/g	0.06 mg	12.17 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-250813-062-01 - MON, AUG 18, 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-250813-062-01 - MON, AUG 18, 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-250813-062-01 - MON, AUG 18, 2025 ISO ISO 17025 ACCREDITED					
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-250813-062-01 - MON, AUG 18, 2025 ISO ISO 17025 ACCREDITED					
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-250813-062-01 - MON, AUG 18, 2025 					
Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	50 CFU/g	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	50 CFU/g	1000 CFU/g	10 CFU/g	10 CFU/g	PASS

FTIRR Identification by FTIR - Report ANA-TM-113 - Identification by FTIR FTIRR-DTS-250813-062-01 - MON, AUG 18, 2025					
Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	99.72 %	95 - 100 %	N/A	N/A	PASS

Matched Library Item: Golden Monk Green 250 ct Capsule

