

Certificate of Analysis

Sample Name: Part # 10180 - Golden Monk Green (250CT) Capsule
Client: MIT45
Sample Code: DTS-250818-030
Matrix Name: Pill - Capsule
Type / Result: Quality Assurance - Pass



Received Date: Tue, Aug 19, 2025
Published Date: Fri, Aug 22, 2025
Batch/Lot Code: 2508G
Batch Size: 1U
Sample Size: 1U
Average Unit Weight: 0.64807g (One serving is 5 capsules. 50 servings/package)

RESULT SUMMARY	
Mitragynine	29.48 mg /serv
Total Major Alkaloids	51.74 mg /serv
Total Minor Alkaloids	0.07 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:			RESULTS CERTIFIED BY:		
	Leslie Varela Laboratory Director	Cambium Analytica Friday, Aug 22, 2025		Douglas Smith VP - Scientific Operations	Cambium Analytica Friday, Aug 22, 2025
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ALKU Kratom Alkaloids - High Level LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD ALKU-DTS-250818-030-01 - FRI, AUG 22, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.9099 %	9.0990 mg/g	29.48 mg	1474.21 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	0.3436 %	3.4365 mg/g	11.14 mg	556.77 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.2227 %	2.2271 mg/g	7.22 mg	360.82 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.1206 %	1.2058 mg/g	3.91 mg	195.36 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids	1.5968 %	15.9684 mg/g	51.74 mg	2587.16 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-250818-030-01 - FRI, AUG 22, 2025								
								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00213 %	0.02129 mg/g	0.07 mg	3.45 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00001 %	0.00011 mg/g	0.00 mg	0.02 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids	0.00214 %	0.02140 mg/g	0.07 mg	3.47 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-250818-030-01 - THU, AUG 21, 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-250818-030-01 - THU, AUG 21, 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-250818-030-01 - THU, AUG 21, 2025								
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-250818-030-01 - THU, AUG 21, 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-250818-030-01 - FRI, AUG 22, 2025 					
Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N / A
Total Yeast	50 CFU/g	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-250818-030-01 - THU, AUG 21, 2025					
Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	99.70 %	95 - 100 %	N/A	N/A	PASS

Matched Library Item: Golden Monk Green 500 ct Capsule

