

CERTIFICATE OF ANALYSIS



SAMPLE NAME: PART # 10190 - GOLDEN MONK GREEN CAPSULES 500 CT
SAMPLE CODE: DTS-250520-001
CLIENT: MIT45
BATCH RESULT: PASS

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MATRIX NAME: Pill - Capsule
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Wed, May 21, 2025
PUBLISHED DATE: Tue, May 27, 2025
BATCH/LOT CODE: 2349G
BATCH SIZE: 1U
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 0.6665g (One serving is 5 capsules. 100 servings/package)

MITRAGYNINE 31.50 mg / serv

TOTAL MAJOR ALKALOIDS 50.83 mg / serv

TOTAL MINOR ALKALOIDS 0.11 mg / serv

ALKU ✓
Kratom Alkaloids
High Level

ALKL ✓
Kratom Alkaloids
Low Level

SAL ✓
Salmonella
25g 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, May 27, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Tuesday, May 27, 2025

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ALKU	KRATOM ALKALOIDS - HIGH LEVEL							
	LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD ALKU-DTS-250520-001-01 - FRI, MAY 23, 2025							
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.9451 %	9.4510 mg/g	31.50 mg	3149.55 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.2508 %	2.5080 mg/g	8.36 mg	835.79 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.2102 %	2.1020 mg/g	7.00 mg	700.49 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogyneine	0.1192 %	1.1920 mg/g	3.97 mg	397.23 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.5253 %	15.2530 mg/g	50.83 mg	5083.06 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-250520-001-01 - TUE, MAY 27, 2025							
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00334 %	0.03344 mg/g	0.11 mg	11.14 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00006 %	0.00057 mg/g	0.00 mg	0.19 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00340 %	0.03401 mg/g	0.11 mg	11.33 mg	N/A	0.006 ug/g	0.03 ug/g	N/A



SAL	SALMONELLA - 25G QPCR				
	LAB-TM-063 - DETECTION AND ISOLATION OF SALMONELLA SPP. IN FOODS AND DIETARY SUPPLEMENTS SAL-DTS-250520-001-01 - FRI, MAY 23, 2025				
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	Detection	N/A	N/A	PASS



ECOLI	TOTAL COLIFORMS & E. COLI - PLATE				
	LAB-TM-059 - ENUMERATION OF ESCHERICHIA COLI AND TOTAL COLIFORM IN FOODS AND DIETARY SUPPLEMENTS ECOLI-DTS-250520-001-01 - FRI, MAY 23, 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				
	LAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS TAMC-DTS-250520-001-01 - FRI, MAY 23, 2025				
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	3000 CFU/g	100000 CFU/g	1000 CFU/g	1000 CFU/g	PASS



SAUR	STAPHYLOCOCCUS AUREUS - PLATE				
	LAB-TM-062 - ENUMERATION OF STAPHYLOCOCCUS AUREUS IN FOODS AND DIETARY SUPPLEMENTS SAUR-DTS-250520-001-01 - FRI, MAY 23, 2025				
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
S. aureus	ND	Detection	10 CFU/g	10 CFU/g	PASS



TYMFD

TOTAL YEAST & MOLD - PLATE

LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS

TYMFD-DTS-250520-001-01 - TUE, MAY 27, 2025



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Mold	10 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	10 CFU/g	1000 CFU/g	10 CFU/g	10 CFU/g	PASS

FTIRR

IDENTIFICATION BY FTIR - REPORT

NULL IDENTIFICATION BY FTIR

FTIRR-DTS-250520-001-01 - FRI, MAY 23, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Quality Index Score	99.50 %	95-100 %	N/A	N/A	PASS

Matched Library Item: Golden Monk Green Capsules

