

CERTIFICATE OF ANALYSIS



SAMPLE NAME: PART # 10180 - GOLDEN MONK GREEN CAPSULES 250 CT
SAMPLE CODE: DTS-250519-034
CLIENT: MIT45
BATCH RESULT: PASS

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MATRIX NAME: Pill - Capsule
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Tue, May 20, 2025
PUBLISHED DATE: Fri, May 23, 2025
BATCH/LOT CODE: 2345G
BATCH SIZE: 1U
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 0.62097g (One serving is 5 capsules. 50 servings/package.)

MITRAGYNINE 29.53 mg / serv

TOTAL MAJOR ALKALOIDS 48.78 mg / serv

TOTAL MINOR ALKALOIDS 0.07 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
Friday, May 23, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Friday, May 23, 2025

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ALKU	KRATOM ALKALOIDS - HIGH LEVEL							
	LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD ALKU-DTS-250519-034-01 - THU, MAY 22, 2025							
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.9511 %	9.5110 mg/g	29.53 mg	1476.51 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.2954 %	2.9540 mg/g	9.17 mg	458.59 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.2060 %	2.0600 mg/g	6.40 mg	319.80 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogyneine	0.1186 %	1.1860 mg/g	3.68 mg	184.12 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.5711 %	15.7110 mg/g	48.78 mg	2439.01 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-250519-034-01 - FRI, MAY 23, 2025							
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00209 %	0.02086 mg/g	0.06 mg	3.24 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00006 %	0.00056 mg/g	0.00 mg	0.09 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00214 %	0.02143 mg/g	0.07 mg	3.33 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-250519-034-01 - 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-250519-034-01 - THU, MAY 22, 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-250519-034-01 - THU, MAY 22, 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					
	LAB-TM-062 - ENUMERATION OF STAPHYLOCOCCUS AUREUS IN FOODS AND DIETARY SUPPLEMENTS SAUR-DTS-250519-034-01 - THU, MAY 22, 2025					
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS	
S. aureus	ND	Detection	10 CFU/g	10 CFU/g	PASS	



TYMPD

TOTAL YEAST & MOLD - PLATE

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

TYMFD-DTS-250519-034-01 - FRI, MAY 23, 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-250519-034-01 - FRI, MAY 23, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Quality Index Score	99.56 %	95-100 %	N/A	N/A	PASS

Matched Library Item: Golden Monk Green Capsules

