

CERTIFICATE OF ANALYSIS

SAMPLE NAME: PART # 10095 - GOLDEN MONK RED 250 CT CAPSULES
SAMPLE CODE: DTS-250410-010
CLIENT: MIT45
BATCH RESULT: PASS



MATRIX NAME: Pill - Capsule
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Fri, Apr 11, 2025
PUBLISHED DATE: Fri, Apr 18, 2025
BATCH/LOT CODE: 2286R
BATCH SIZE: 1U
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 0.61342g (1 serving is 5 capsules. 50 servings/package.)

MITRAGYNINE 27.00 mg / serv

TOTAL MAJOR ALKALOIDS 46.82 mg / serv

TOTAL MINOR ALKALOIDS 0.08 mg / serv

ALKU ✓
Kratom Alkaloids
High Level

ALKL ✓
Kratom Alkaloids
Low Level

SAL ✓
Salmonella
25g qPCR

ECOLI ✓
Total E. Coli & Coliforms
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, Apr 18, 2025

RESULTS CERTIFIED BY:



Douglas Smith
VP - Scientific Operations

Cambium Analytica
Friday, Apr 18, 2025

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ALKU	KRATOM ALKALOIDS - HIGH LEVEL							
	LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD ALKU-DTS-250410-010-01 - FRI, APR 18, 2025							
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.8804 %	8.804 mg/g	27.00 mg	1350.14 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.3423 %	3.423 mg/g	10.50 mg	524.93 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.1929 %	1.929 mg/g	5.92 mg	295.82 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogyneine	0.1108 %	1.108 mg/g	3.40 mg	169.92 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.5264 %	15.264 mg/g	46.82 mg	2340.81 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-250410-010-01 - WED, APR 16, 2025							
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00267 %	0.027 mg/g	0.08 mg	4.09 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00003 %	0.000 mg/g	0.00 mg	0.05 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00270 %	0.027 mg/g	0.08 mg	4.14 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-250410-010-01 - WED, APR 16, 2025				
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	Detection	N/A	N/A	PASS



ECOLI	TOTAL E. COLI & COLIFORMS - PLATE				
	LAB-TM-059 - ENUMERATION OF ESCHERICHIA COLI AND TOTAL COLIFORM IN FOODS AND DIETARY SUPPLEMENTS ECOLI-DTS-250410-010-01 - TUE, APR 15, 2025				
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
E. coli	ND	Detection	10 CFU/g	10 CFU/g	PASS
Total Coliforms	10 CFU/g	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-250410-010-01 - TUE, APR 15, 2025					
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS	
Total Aerobic Count	800 CFU/g	100000 CFU/g	100 CFU/g	100 CFU/g	PASS	



SAUR	STAPHYLOCOCCUS AUREUS - PLATE				
	LAB-TM-062 - ENUMERATION OF STAPHYLOCOCCUS AUREUS IN FOODS AND DIETARY SUPPLEMENTS SAUR-DTS-250410-010-01 - TUE, APR 15, 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-250410-010-01 - WED, APR 16, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	20 CFU/g	1000 CFU/g	10 CFU/g	10 CFU/g	PASS

FTIRR

IDENTIFICATION BY FTIR - REPORT

NULL IDENTIFICATION BY FTIR

FTIRR-DTS-250410-010-01 - MON, APR 14, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Quality Index Score	99.49 %	95-100 %	N/A	N/A	PASS

Matched Library Item: Golden Monk Red Powder

