

CERTIFICATE OF ANALYSIS

SAMPLE NAME: PART # 10075 - GOLDEN MONK WHITE 500 CT CAPSULES
SAMPLE CODE: DTS-250429-010
CLIENT: MIT45
BATCH RESULT: PASS



MATRIX NAME: Pill - Capsule
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Wed, Apr 30, 2025
PUBLISHED DATE: Mon, May 5, 2025
BATCH/LOT CODE: 2306W
BATCH SIZE: 1U
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 0.6331g (One serving is 5 capsules. 100 servings/package.)

MITRAGYNINE 33.69 mg / serv

TOTAL MAJOR ALKALOIDS 56.34 mg / serv

TOTAL MINOR ALKALOIDS 0.10 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
Monday, May 5, 2025

RESULTS CERTIFIED BY:



Douglas Smith
VP - Scientific Operations

Cambium Analytica
Monday, May 5, 2025

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ALKU KRATOM ALKALOIDS - HIGH LEVEL LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD ALKU-DTS-250429-010-01 - MON, MAY 5, 2025								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.0643 %	10.643 mg/g	33.69 mg	3369.04 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.3601 %	3.601 mg/g	11.40 mg	1139.90 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.2212 %	2.212 mg/g	7.00 mg	700.21 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogyneine	0.1341 %	1.341 mg/g	4.24 mg	424.49 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.7797 %	17.797 mg/g	56.34 mg	5633.64 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-250429-010-01 - MON, MAY 5, 2025								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00328 %	0.033 mg/g	0.10 mg	10.38 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00002 %	0.000 mg/g	0.00 mg	0.07 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00330 %	0.033 mg/g	0.10 mg	10.46 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-250429-010-01 - FRI, MAY 2, 2025							STATUS
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ			
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-250429-010-01 - FRI, MAY 2, 2025							STATUS
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ			
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-250429-010-01 - FRI, MAY 2, 2025							STATUS
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ			
Total Aerobic Count	600 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-250429-010-01 - FRI, MAY 2, 2025							STATUS
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ			
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-250429-010-01 - MON, MAY 5, 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-250429-010-01 - FRI, MAY 2, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Quality Index Score	98.36 %	95-100 %	N/A	N/A	PASS

Matched Library Item: Golden Monk White Capsule

