

Certificate of Analysis

Sample Name: Part # 10085 - Golden Monk White 1000CT Capsules
Client: MIT45
Sample Code: DTS-250707-018
Matrix Name: Pill - Capsule
Type / Result: Quality Assurance - Pass



Received Date: Tue, Jul 8, 2025
Published Date: Fri, Jul 11, 2025
Batch/Lot Code: 2439W
Batch Size: 1null
Sample Size: 1U
Average Unit Weight: 0.618g (One serving is 5 capsules. 200 servings/package)

RESULT SUMMARY	
Mitragynine	33.77 mg /serv
Total Major Alkaloids	55.88 mg /serv
Total Minor Alkaloids	0.14 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:

Leslie Varela
Laboratory Director

Cambium Analytica
Friday, Jul 11, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Friday, Jul 11, 2025

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ALKU

Kratom Alkaloids - High Level

LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD

ALKU-DTS-250707-018-01 - THU, JUL 10, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.0929 %	10.9290 mg/g	33.77 mg	6754.12 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	0.3508 %	3.5080 mg/g	10.84 mg	2167.94 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.2260 %	2.2600 mg/g	6.98 mg	1396.68 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.1386 %	1.3860 mg/g	4.28 mg	856.55 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids	1.8083 %	18.0830 mg/g	55.88 mg	11175.29 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-250707-018-01 - FRI, JUL 11, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00413 %	0.04131 mg/g	0.13 mg	25.53 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00001 %	0.00012 mg/g	0.00 mg	0.08 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids	0.00461 %	0.04614 mg/g	0.14 mg	28.52 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-250707-018-01 - THU, JUL 10, 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-250707-018-01 - THU, JUL 10, 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-250707-018-01 - THU, JUL 10, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	5000 CFU/g	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-250707-018-01 - THU, JUL 10, 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-250707-018-01 - FRI, JUL 11, 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-250707-018-01 - WED, JUL 9, 2025					
Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	98.80 %	95 - 100 %	N/A	N/A	PASS

Matched Library Item: Kratom Powder White Part# 00031 Lot:05-06223

