

Certificate of Analysis

Sample Name: Part # 10105 - Golden Monk Red 500 ct Capsules
Client: MIT45
Sample Code: DTS-251120-008
Matrix Name: Pill - Capsule
Type / Result: Quality Assurance - Pass



Received Date: Fri, Nov 21, 2025
Published Date: Wed, Nov 26, 2025
Batch/Lot Code: 2643R
Batch Size: 1U
Sample Size: 1U
Average Unit Weight: 0.62747g (One serving is 5 capsules. 100 servings/package.)

RESULT SUMMARY

Mitragynine	29.69 mg /serv
Total Major Alkaloids	51.09 mg /serv

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

SAL
Salmonella spp.
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
Wednesday, Nov 26, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Wednesday, Nov 26, 2025

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Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686
Phone: 231.252.3669
Accreditation: ISO/IEC 17025:2017 – #108157



ALKU Kratom Alkaloids - High Level LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD ALKU-DTS-251120-008-01 - TUE, NOV 25, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.9463 %	9.4633 mg/g	29.69 mg	2968.96 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	0.3100 %	3.1002 mg/g	9.73 mg	972.63 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.2392 %	2.3916 mg/g	7.50 mg	750.33 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.1328 %	1.3280 mg/g	4.17 mg	416.65 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids*	1.6283 %	16.2831 mg/g	51.09 mg	5108.57 mg	N/A	N/A	N/A	N / A

*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogynine.

ALKL Kratom Alkaloids - Low Level LAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ ALKL-DTS-251120-008-01 - WED, NOV 26, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00211 %	0.02114 mg/g	0.07 mg	6.63 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00001 %	0.00015 mg/g	0.00 mg	0.05 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.00213 %	0.02129 mg/g	0.07 mg	6.68 mg	N/A	N/A	N/A	N / A

*Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.

SAL Salmonella spp. - qPCR 25g LAB-TM-063 - Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements SAL-DTS-251120-008-01 - TUE, NOV 25, 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-251120-008-01 - TUE, NOV 25, 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-251120-008-01 - TUE, NOV 25, 2025								
Analyte	Value	Action Limit	LOD	LOQ	Status			
Total Aerobic Count	8000 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-251120-008-01 - TUE, NOV 25, 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-251120-008-01 - WED, NOV 26, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N / A
Total Yeast	10 CFU/g	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

*Total Yeast and Mold is calculated as the sum of Total Yeast and Total Mold

FTIRR

Identification by FTIR - Report

ANA-TM-113 - Identification by FTIR

FTIRR-DTS-251120-008-01 - MON, NOV 24, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	99.5 %	95 - 100 %	N/A	N/A	PASS

Golden Monk Red 500ct Capsule

