

Certificate of Analysis

Sample Name: Part # 10115 - Golden Monk Red 1000 ct Capsules
Client: MIT45
Sample Code: DTS-260108-001
Matrix Name: Pill - Capsule
Type / Result: Quality Assurance - Pass



Received Date: Fri, Jan 9, 2026
Published Date: Wed, Jan 14, 2026
Batch/Lot Code: 2695R
Batch Size: 1U
Sample Size: 1U
Average Unit Weight: 0.6295g (One serving is 5 capsules. 200 servings/package.)

RESULT SUMMARY

Mitragynine	29.10 mg /serv
Total Major Alkaloids	48.74 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, Jan 14, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Wednesday, Jan 14, 2026

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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-260108-001-01 - TUE, JAN 13, 2026								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.9245 %	9.2449 mg/g	29.10 mg	5819.67 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	0.3083 %	3.0829 mg/g	9.70 mg	1940.69 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.1987 %	1.9870 mg/g	6.25 mg	1250.80 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.1170 %	1.1705 mg/g	3.68 mg	736.82 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids*	1.5485 %	15.4853 mg/g	48.74 mg	9747.98 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-260108-001-01 - WED, JAN 14, 2026								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00041 %	0.00414 mg/g	0.01 mg	2.61 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	<LOQ	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.00041 %	0.00414 mg/g	0.01 mg	2.61 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-260108-001-01 - TUE, JAN 13, 2026 					
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-260108-001-01 - TUE, JAN 13, 2026

ISO

ISO 17025

ACC0108167

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-260108-001-01 - TUE, JAN 13, 2026						ISO ISO 17025 ACC0108167		
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 - 25g

LAB-TM-062 - Enumeration of Staphylococcus aureus in Foods and Dietary Supplements

SAUR-DTS-260108-001-01 - TUE, JAN 13, 2026

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-260108-001-01 - WED, JAN 14, 2026

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

*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-260108-001-01 - MON, JAN 12, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	99.6 %	95 - 100 %	N/A	N/A	PASS

Part# 10105 - Golden Monk Red 500ct Capsules

