Certificate of Analysis

Sample Name: Golden Monk White Capsules 1000ct
Client: Diversified Botanics
Sample Code: DTS-260901-031
Matrix Name: Capsule
Type / Result: Batch Release - N/A

cambium analytica
an NSF company



Received Date: Thu, Sep 3, 2026
Published Date: Thu, Sep 10, 2026
Batch/Lot Code: H3126299
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 0.600459g (One serving is 5 capsules. 200 servings/package.)

RESULT SUMMARY

Mitragynine	31.71 mg /serv
Total Major Alkaloids	52.44 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	HVMET Heavy Metals Big 4	TYMFD Total Yeast & Mold Plate	FTIRR Identification by FTIR Report	

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director
Cambium Analytica
Thursday, Sep 10, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Thursday, Sep 10, 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-260901-031-02 - THU, SEP 10, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.0563 %	10.5626 mg/g	31.71 mg	6342.43 mg	N/A	0.0511 mg/g	0.1021 mg/g	N/A
Speciociliatine	0.3091 %	3.0906 mg/g	9.28 mg	1855.80 mg	N/A	0.0511 mg/g	0.1021 mg/g	N/A
Paynantheine	0.2234 %	2.2339 mg/g	6.71 mg	1341.38 mg	N/A	0.0511 mg/g	0.1021 mg/g	N/A
Speciogynine	0.1580 %	1.5799 mg/g	4.74 mg	948.65 mg	N/A	0.0511 mg/g	0.1021 mg/g	N/A
Total Major Alkaloids *	1.7467 %	17.4671 mg/g	52.44 mg	10488.25 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-260901-031-01 - WED, SEP 9, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00119 %	0.01193 mg/g	0.04 mg	7.16 mg	N/A	0.08112 ug/g	0.40560 ug/g	N/A
Mitraphylline	<LOQ	N/A	N/A	N/A	N/A	0.08112 ug/g	0.40560 ug/g	N/A
Total Minor Alkaloids *	0.00119 %	0.01193 mg/g	0.04 mg	7.16 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 - 25 g

LAB-TM-063 - Qualitative Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements
SAL-DTS-260901-031-01 - TUE, SEP 8, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND /25 g	N/A	N/A	N/A	N/A

USP <62> - Vendor Modified, USP <2022> - Vendor Modified, USP <1223>, AOAC PTM 121802, AOAC OMA 2020.02

ECOLI

Total Coliforms & E. coli - Plate - 25 g - Full Range

LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements
ECOLI-DTS-260901-031-01 - TUE, SEP 8, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Coliforms	ND	N/A	10 CFU/g	10 CFU/g	N/A

USP <61> - Vendor Modified, USP <2021> - Vendor Modified, USP <1223>, AOAC PTM 051801, AOAC OMA 2018.13

TAMC

Total Aerobic Bacteria - Plate - 25 g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-DTS-260901-031-01 - TUE, SEP 8, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	10 CFU/g	N/A	10 CFU/g	10 CFU/g	N/A

USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121403, AOAC OMA 2015.13

SAUR

Staphylococcus aureus - Plate - 25 g

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

SAUR-DTS-260901-031-01 - TUE, SEP 8, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
S. aureus	ND	N/A	10 CFU/g	10 CFU/g	N/A

USP <61> - Vendor Modified, USP <2021> - Vendor Modified, USP <1223>, AOAC OMA 2003.07

HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS

HVMET-DTS-260901-031-01 - WED, SEP 9, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	0.241 ug/g	0.000 mg/g	0.72 ug	144.95 ug	N/A	46.154 ug/kg	128.205 ug/kg	N/A
Cadmium	<LOQ	N/A	N/A	N/A	N/A	9.231 ug/kg	32.051 ug/kg	N/A
Lead	0.464 ug/g	0.000 mg/g	1.39 ug	278.71 ug	N/A	5.641 ug/kg	32.051 ug/kg	N/A
Mercury	0.013 ug/g	0.000 mg/g	0.04 ug	8.00 ug	N/A	1.795 ug/kg	3.205 ug/kg	N/A

USP <233>, USP <730>, USP <1730>

TYMFD

Total Yeast & Mold - Plate - 25 g - Full Range

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements

TYMFD-DTS-260901-031-01 - TUE, SEP 8, 2026

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 *	0 CFU/g	N/A	N/A	N/A	N/A

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

USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121301, AOAC OMA 2014.05

FTIRR

Identification by FTIR - Report

ANA-TM-113 - Identification by FTIR

FTIRR-DTS-260901-031-01 - FRI, SEP 4, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	95.8 %	N/A	N/A	N/A	N/A

USP <197>, USP <854>, USP <1854>