

Certificate of Analysis

Sample Name: OPMS Gold Capsules
Client: Choice Organics
Sample Code: DTS-250626-059
Matrix Name: Pill - Capsule
Type / Result: Compliance - N/A



Received Date: Fri, Jun 27, 2025
Published Date: Wed, Jul 02, 2025
Batch/Lot Code: 4358
Batch Size: N/A
Sample Size: 1 U
Average Unit Weight: 0.693 g

RESULT SUMMARY	
Total Major Alkaloids	114.51 mg/serv
Mitragynine	69.96 mg/serv
Total Minor Alkaloids	0.23 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
HVMET Heavy Metals Big 4	TYMFD Total Yeast & Mold Plate			

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Wed, Jul 02, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Wed, Jul 02, 2025

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ALKU

Kratom Alkaloids - High Level

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

ALKU-DTS-250626-059-01 - THU, JUN 26, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	10.0953 %	100.953 mg/g	69.96 mg	69.96 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	3.1247 %	31.247 mg/g	21.65 mg	21.65 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	2.1786 %	21.786 mg/g	15.1 mg	15.1 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	1.1254 %	11.254 mg/g	7.8 mg	7.8 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids	16.524 %	165.24 mg/g	114.51 mg	114.51 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-250626-059-01 - THU, JUN 26, 2025



Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.02214 %	0.22136 mg/g	0.15 mg	0.15 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00039 %	0.00388 mg/g	0 mg	0 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids	0.03382 %	0.33821 mg/g	0.23 mg	0.23 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-250626-059-01 - THU, JUN 26, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella Spp	ND	N/A	N/A	N/A	N / A

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-250626-059-01 - THU, JUN 26, 2025



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

TAMC

Total Aerobic Bacteria - Plate - 25g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements

TAMC-DTS-250626-059-01 - THU, JUN 26, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	N/A	1000 CFU/g	1000 CFU/g	N / A

HVMET

Heavy Metals - Big 4

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

HVMET-DTS-250626-059-01 - THU, JUN 26, 2025



Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	N/A	N/A	0.509 ug/kg	2.062 ug/kg	N / A
Cadmium	ND	N/A	N/A	N/A	N/A	0.256 ug/kg	0.509 ug/kg	N / A
Lead	ND	N/A	N/A	N/A	N/A	0.255 ug/kg	0.515 ug/kg	N / A
Mercury	0 ug/g	0 mg/g	0 ug	0 ug	N/A	0.025 ug/kg	0.057 ug/kg	N / A

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	N/A	10 CFU/g	10 CFU/g	N / A