

Certificate of Analysis

Sample Name: OPMS Gold Liquid Shot
Client: Choice Organics
Sample Code: DTS-250313-031
Matrix Name: Tincture - Other
Type / Result: Quality Assurance - N/A



Received Date: Tue, Mar 18, 2025
Published Date: Fri, Mar 21, 2025
Batch/Lot Code: 20250313OPGL
Batch Size: N/A
Sample Size: 1 U
Average Unit Weight: 9.803 g (Density (g/mL) x 8.8mL package. 2 servings/package.)

RESULT SUMMARY	
Total Major Alkaloids	88.07 mg/serv
Mitragynine	52.36 mg/serv
Total Minor Alkaloids	0.01 mg/serv

7OH Content = .213% of Total Weight

ALKU

Kratom Alkaloids

High Level

✓

ALKL

Kratom Alkaloids

Low Level

✓

DEN

Density of Liquids

✓

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Fri, Mar 21, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Fri, Mar 21, 2025

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ALKU Kratom Alkaloids - High Level								
LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD								
ALKU-DTS-250313-031-01 - THU, MAR 13, 2025								
Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.0682 %	10.682 mg/g	52.36 mg	104.72 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	0.3224 %	3.224 mg/g	15.8 mg	31.61 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	0.2595 %	2.595 mg/g	12.72 mg	25.44 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	0.1467 %	1.467 mg/g	7.19 mg	14.38 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids	1.7968 %	17.968 mg/g	88.07 mg	176.14 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-250313-031-01 - THU, MAR 13, 2025								
Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00022 %	0.00217 mg/g	0.01 mg	0.02 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	0.00003 %	0.00029 mg/g	0 mg	0 mg	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids	0.00025 %	0.00246 mg/g	0.01 mg	0.02 mg	N/A	0.006 ug/g	0.03 ug/g	N / A
7OH Content = .00217 mg/g .00217 = .217% of Total Weight								

DEN		Density of Liquids			LAB-TM-017 - Brix & Density Analysis		DEN-DTS-250313-031-01 - THU, MAR 13, 2025				
Analyte		Value		Action Limit		LOD		LOQ		Status	
Density		1.114 g/mL		N/A		N/A		N/A		N/A	