

CERTIFICATE OF ANALYSIS



SAMPLE NAME: SOMA 300

SAMPLE CODE: DTS-240827-061

CLIENT: SOMA KRATOM

BATCH RESULT: PASS

1230 Woodmere Ave
Traverse City, MI 49686
231.252.3669
cambiumanalytica.com

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MATRIX NAME: Edible Liquid - Emulsion

SAMPLE TYPE: Quality Assurance

RECEIVED DATE: Wed, Aug 28, 2024

PUBLISHED DATE: Tue, Sep 3, 2024

BATCH/LOT CODE: A08243-1

BATCH SIZE: N/A

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.546g (Density
(1.0364 g/mL) x 15mL package. 6
servings/package)

MITRAGYNINE 53.50 mg / serv

TOTAL MAJOR ALKALOIDS 57.46 mg / serv

TOTAL MINOR ALKALOIDS 240.92 ug / serv

ALKU



Kratom Alkaloids
High Level

ALKL



Kratom Alkaloids
Low Level

SS



Salmonella & STEC
qPCR

HVMET



Heavy Metals
4

RESULTS REVIEWED BY: Leslie Varela

Laboratory Director
Cambium Analytica
Tuesday, Sep 3, 2024

RESULTS CERTIFIED BY: Douglas Smith

VP - Scientific Operations
Cambium Analytica
Tuesday, Sep 3, 2024

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-240827-061-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.065 %	20.650 mg/g	53.50 mg	321.02 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.083 %	0.834 mg/g	2.16 mg	12.97 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.046 %	0.457 mg/g	1.18 mg	7.10 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.023 %	0.234 mg/g	0.61 mg	3.64 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.218 %	22.175 mg/g	57.46 mg	344.73 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240827-061-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	92.9844 ug/g	N/A	240.92 ug	1445.54 ug	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	92.9844 ug/g	N/A	240.92 ug	1445.54 ug	N/A	0.006 ug/g	0.03 ug/g	N/A

SS

SALMONELLA & STEC- QPCRLAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-DTS-240827-061-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	N/A			N/A
Shiga Toxin Producing E. coli	ND	N/A			N/A

HVMET

HEAVY METALS - 4LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
HVMET-DTS-240827-061-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Cadmium	<LOQ	N/A	N/A	N/A	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.001 ug/g	N/A	0.00 ug	0.02 ug	N/A	0.082 ug/kg	0.272 ug/kg	N/A

