

CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 300

SAMPLE CODE: DTS-240705-009

CLIENT: SOMA KRATOM

BATCH RESULT: PASS



**cambium
analytica**

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



MATRIX NAME: Edible Liquid - Emulsion

SAMPLE TYPE: Compliance

RECEIVED DATE: Mon, Jul 8, 2024

PUBLISHED DATE: Wed, Jul 10, 2024

BATCH CODE: A06243-1

BATCH SIZE: 430L

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.588g (Density (1.0392 g/mL) x 15mL package. 6 servings/package.)

TOTAL MAJOR ALKALOIDS 54.57 mg/ serv

TOTAL MINOR ALKALOIDS 0.18 mg/ serv

MITRAGYNE 50.93 mg/ serv

ALKU ✓

Kratom Alkaloids
High Level

ALKL ✓

Kratom Alkaloids
Low Level

SS ✓

Salmonella & STEC
qPCR

HVMET ✓

Heavy Metals
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RESULTS REVIEWED BY: Leslie Varela

Laboratory Director

Cambium Analytica

Wednesday, Jul 10, 2024

RESULTS CERTIFIED BY: Douglas Smith

VP - Scientific Operations

Cambium Analytica

Wednesday, Jul 10, 2024

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-240705-009-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.960 %	19.603 mg/g	50.93 mg	305.57 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.077 %	0.769 mg/g	2.00 mg	11.99 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.044 %	0.443 mg/g	1.15 mg	6.91 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.019 %	0.190 mg/g	0.49 mg	2.96 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.100 %	21.005 mg/g	54.57 mg	327.43 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240705-009-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0069 %	0.0694 mg/g	0.18 mg	1.08 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Mitraphylline	ND	ND	ND	ND	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Total Minor Alkaloids	0.0069 %	0.0694 mg/g	0.18 mg	1.08 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A

SS

SALMONELLA & STEC- QPCRLAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-DTS-240705-009-01 - FRI, JUL 5, 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-240705-009-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.014 ug/g	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Cadmium	ND	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	0.009 ug/g	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.001 ug/g	N/A	0.082 ug/kg	0.272 ug/kg	N/A

