

CERTIFICATE OF ANALYSIS



SAMPLE NAME: SOMA 200

SAMPLE CODE: DTS-240731-039

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: Thu, Aug 1, 2024

PUBLISHED DATE: Tue, Aug 6, 2024

BATCH/LOT CODE: A08242-1

BATCH SIZE: 136.08L

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.45g (Density (1.03 g/mL) x 15mL package. 6 servings/package)

TOTAL MAJOR ALKALOIDS 56.50 mg/ serv

TOTAL MINOR ALKALOIDS 0.13 mg/ serv

MITRAGYNINE 52.78 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
Tuesday, Aug 6, 2024

RESULTS CERTIFIED BY: Douglas Smith

VP - Scientific Operations
Cambium Analytica
Tuesday, Aug 6, 2024

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-240731-039-03 - MON, AUG 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.050 %	20.497 mg/g	52.78 mg	316.68 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.081 %	0.814 mg/g	2.10 mg	12.58 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.044 %	0.443 mg/g	1.14 mg	6.84 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.019 %	0.187 mg/g	0.48 mg	2.89 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.194 %	21.941 mg/g	56.50 mg	338.99 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240731-039-01 - WED, JUL 31, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0049 %	0.0493 mg/g	0.13 mg	0.76 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	0.0049 %	0.0493 mg/g	0.13 mg	0.76 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-240731-039-01 - WED, JUL 31, 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-240731-039-01 - WED, JUL 31, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	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	0.018 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

