

CERTIFICATE OF ANALYSIS



SAMPLE NAME: SOMA 200

SAMPLE CODE: DTS-240827-059

CLIENT: SOMA KRATOM

BATCH RESULT: PASS

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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: A07242-1

BATCH SIZE: N/A

SAMPLE SIZE: 1U

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

MITRAGYNINE 37.42 mg / serv

TOTAL MAJOR ALKALOIDS 40.21 mg / serv

TOTAL MINOR ALKALOIDS 187.30 ug / 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, 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-240827-059-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.444 %	14.441 mg/g	37.42 mg	224.50 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.058 %	0.585 mg/g	1.52 mg	9.09 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.033 %	0.330 mg/g	0.86 mg	5.13 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.016 %	0.164 mg/g	0.42 mg	2.55 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.552 %	15.520 mg/g	40.21 mg	241.27 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240827-059-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	72.2906 ug/g	N/A	187.30 ug	1123.83 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	72.2906 ug/g	N/A	187.30 ug	1123.83 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-240827-059-01 - 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-240827-059-01 - 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	ND	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	ND	N/A	N/A	N/A	N/A	0.082 ug/kg	0.272 ug/kg	N/A

