

CERTIFICATE OF ANALYSIS



SAMPLE NAME: SOMA 300

SAMPLE CODE: DTS-240827-063

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: A08243-4

BATCH SIZE: N/A

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.5355g (Density (1.0357 g/mL) x 15mL package. 6 servings/package)

MITRAGYNINE 52.94 mg / serv

TOTAL MAJOR ALKALOIDS 55.86 mg / serv

TOTAL MINOR ALKALOIDS 201.10 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-240827-063-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.045 %	20.448 mg/g	52.94 mg	317.67 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.064 %	0.636 mg/g	1.65 mg	9.88 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.036 %	0.356 mg/g	0.92 mg	5.53 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.014 %	0.135 mg/g	0.35 mg	2.10 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.158 %	21.575 mg/g	55.86 mg	335.18 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240827-063-01 - TUE, AUG 27, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	77.6684 ug/g	N/A	201.10 ug	1206.62 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	77.6684 ug/g	N/A	201.10 ug	1206.62 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-240827-063-01 - 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

HVMT

HEAVY METALS - 4LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
HVMT-DTS-240827-063-01 - 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	0.006 ug/g	N/A	0.01 ug	0.09 ug	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

