

CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 300

SAMPLE CODE: DTS-240705-011

CLIENT: SOMA KRATOM

BATCH RESULT: PASS



MATRIX NAME: Edible Liquid - Emulsion
SAMPLE TYPE: Compliance
RECEIVED DATE: Mon, Jul 8, 2024
PUBLISHED DATE: Wed, Jul 10, 2024
BATCH CODE: A06243-2
BATCH SIZE: 886.56L
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 15.588g (Density (1.0392 g/mL) x 15mL package. 6 servings/package.)

TOTAL MAJOR ALKALOIDS 52.37 mg/ serv

TOTAL MINOR ALKALOIDS 0.10 mg/ serv

MITRAGYNNINE 51.29 mg/ serv

ALKU ✓ Kratom Alkaloids High Level	ALKL ✓ Kratom Alkaloids Low Level	SS ✓ Salmonella & STEC qPCR	HVMET ✓ Heavy Metals 4
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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-240705-011-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.974 %	19.742 mg/g	51.29 mg	307.74 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.027 %	0.266 mg/g	0.69 mg	4.15 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.012 %	0.122 mg/g	0.32 mg	1.90 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.003 %	0.028 mg/g	0.07 mg	0.44 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.016 %	20.158 mg/g	52.37 mg	314.22 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240705-011-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0038 %	0.0383 mg/g	0.10 mg	0.60 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	0.0038 %	0.0383 mg/g	0.10 mg	0.60 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-240705-011-01 - 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-240705-011-01 - FRI, JUL 5, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.010 ug/g	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Cadmium	<LOQ	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	0.011 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

