

CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 100

SAMPLE CODE: DTS-240515-025

CLIENT: SOMA KRATOM

BATCH RESULT: PASS



MATRIX NAME: Edible Liquid - Emulsion
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Thu, May 16, 2024
PUBLISHED DATE: Mon, May 20, 2024
BATCH CODE: A05241-1
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 15.657g (Density (g/mL) x 15mL package.)

TOTAL MAJOR ALKALOIDS 112.65 mg/ serv

TOTAL MINOR ALKALOIDS 0.49 mg/ serv

MITRAGYNE 105.11 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
Monday, May 20, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Monday, May 20, 2024

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LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
 ALKU-DTS-240515-025-01 - WED, MAY 15, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Total Major Alkaloids	0.720 %	7.195 mg/g	112.65 mg	112.65 mg	N/A			N/A
Mitragynine	0.671 %	6.713 mg/g	105.11 mg	105.11 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.026 %	0.257 mg/g	4.02 mg	4.02 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.014 %	0.144 mg/g	2.25 mg	2.25 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.008 %	0.081 mg/g	1.27 mg	1.27 mg	N/A	0.3 ug/g	0.5 ug/g	N/A

LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
 ALKL-DTS-240515-025-01 - WED, MAY 15, 2024



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0032 %	0.0316 mg/g	0.49 mg	0.49 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Total Minor Alkaloids	0.0032 %	0.0316 mg/g	0.49 mg	0.49 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

LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
 SS-DTS-240515-025-01 - WED, MAY 15, 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

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
 HVMET-DTS-240515-025-01 - WED, MAY 15, 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	ND	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.006 ug/g	N/A	0.082 ug/kg	0.272 ug/kg	N/A

