

CERTIFICATE OF ANALYSIS



SAMPLE NAME: SOMA 200

SAMPLE CODE: DTS-240731-036

CLIENT: SOMA KRATOM

BATCH RESULT: PASS

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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: A07242-1

BATCH SIZE: 90.72L

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.468g (Density
(1.0312 g/mL) x 15mL package. 6
servings/package)

TOTAL MAJOR ALKALOIDS 57.69 mg/ serv

TOTAL MINOR ALKALOIDS 0.14 mg/ serv

MITRAGYNINE 53.72 mg/ 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, 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-240731-036-03 - MON, AUG 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.084 %	20.838 mg/g	53.72 mg	322.32 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.085 %	0.846 mg/g	2.18 mg	13.09 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.048 %	0.478 mg/g	1.23 mg	7.39 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.022 %	0.216 mg/g	0.56 mg	3.34 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.238 %	22.378 mg/g	57.69 mg	346.14 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-240731-036-01 - WED, JUL 31, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0053 %	0.0531 mg/g	0.14 mg	0.82 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	0.0053 %	0.0531 mg/g	0.14 mg	0.82 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-240731-036-01 - 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-240731-036-01 - 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	<LOQ	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	0.008 ug/g	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

