

CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 300
SAMPLE CODE: DTS-250404-020
CLIENT: SOMA KRATOM
BATCH RESULT: PASS



MATRIX NAME: Emulsion - Liquid
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Mon, Apr 7, 2025
PUBLISHED DATE: Thu, Apr 10, 2025
BATCH/LOT CODE: A03253-1
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 15.63g (Density (1.042 g/mL) x 15mL package. 6 servings/package.)

MITRAGYNINE 54.38 mg / serv

TOTAL MAJOR ALKALOIDS 59.51 mg / serv

TOTAL MINOR ALKALOIDS 0.18 mg / serv

ALKU ✓

Kratom Alkaloids
High Level

ALKL ✓

Kratom Alkaloids
Low Level

SS ✓

Salmonella & STEC
qPCR

DEN ✓

Density of Liquids

HVMET ✓

Heavy Metals
4

APPROVALS

RESULTS REVIEWED BY:



Leslie Varela
Laboratory Director

Cambium Analytica
Thursday, Apr 10, 2025

RESULTS CERTIFIED BY:



Douglas Smith
VP - Scientific Operations

Cambium Analytica
Thursday, Apr 10, 2025

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-250404-020-01 - THU, APR 10, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.0874 %	20.874 mg/g	54.38 mg	326.26 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.1142 %	1.142 mg/g	2.97 mg	17.85 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.0621 %	0.621 mg/g	1.62 mg	9.71 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.0209 %	0.209 mg/g	0.54 mg	3.27 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.2846 %	22.846 mg/g	59.51 mg	357.08 mg	N/A	N/A	N/A	N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-250404-020-01 - THU, APR 10, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00696 %	0.070 mg/g	0.18 mg	1.09 mg	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	0.00696 %	0.070 mg/g	0.18 mg	1.09 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

SS

SALMONELLA & STEC- QPCRLAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-DTS-250404-020-01 - THU, APR 10, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	N/A	N/A	N/A	N/A
Shiga Toxin Producing E. coli	ND	N/A	N/A	N/A	N/A

DEN

DENSITY OF LIQUIDSLAB-TM-017 - BRUX & DENSITY ANALYSIS
DEN-DTS-250404-020-01 - WED, APR 9, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Density	1.0425 g/mL	N/A	N/A	N/A	N/A

HVMET

HEAVY METALS - 4LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
HVMET-DTS-250404-020-01 - WED, APR 9, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	N/A	0.198 ug/kg	0.662 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	0.082 ug/kg	0.272 ug/kg	N/A
Lead	0.001 ug/g	0.000 mg/g	0.00 ug	0.01 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.000 ug/g	0.000 mg/g	0.00 ug	0.01 ug	N/A	0.017 ug/kg	0.057 ug/kg	N/A

