

CERTIFICATE OF ANALYSIS



SAMPLE NAME: SOMA 300

SAMPLE CODE: DTS-241118-027

CLIENT: SOMA KRATOM

BATCH RESULT: PASS

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MATRIX NAME: Edible Liquid - Emulsion
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Wed, Nov 20, 2024
PUBLISHED DATE: Tue, Nov 26, 2024
BATCH/LOT CODE: A10243-1
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 15.6075g (Density (1.0405 g/mL) x 15mL package. 6 servings/package.)

MITRAGYNINE 52.63 mg / serv

TOTAL MAJOR ALKALOIDS 55.96 mg / serv

TOTAL MINOR ALKALOIDS 0.15 mg / serv

ALKU ✓
Kratom Alkaloids
High Level

ALKL ✓
Kratom Alkaloids
Low Level

SS ✓
Salmonella & STEC
qPCR

HVMET ✓
Heavy Metals
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APPROVALS

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Tuesday, Nov 26, 2024

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Tuesday, Nov 26, 2024

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-241118-027-03 - TUE, NOV 26, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.023 %	20.231 mg/g	52.63 mg	315.76 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.072 %	0.719 mg/g	1.87 mg	11.22 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.042 %	0.416 mg/g	1.08 mg	6.49 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.015 %	0.148 mg/g	0.38 mg	2.31 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.151 %	21.514 mg/g	55.96 mg	335.78 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVELLAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ
ALKL-DTS-241118-027-01 - MON, NOV 25, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00589 %	0.05892 mg/g	0.15 mg	0.92 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	0.00589 %	0.05892 mg/g	0.15 mg	0.92 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-241118-027-01 - MON, NOV 25, 2024

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

HVMET

HEAVY METALS - 4LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
HVMET-DTS-241118-027-01 - FRI, NOV 22, 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	0.198 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	0.010 ug/g	N/A	0.03 ug	0.15 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	0.017 ug/kg	0.057 ug/kg	N/A

