

CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 300
SAMPLE CODE: DTS-250422-046
CLIENT: SOMA KRATOM
BATCH RESULT: PASS



MATRIX NAME: Emulsion - Liquid
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Wed, Apr 23, 2025
PUBLISHED DATE: Tue, Apr 29, 2025
BATCH/LOT CODE: A04253-2
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 15.5565g (Density (g/mL) x 15mL package. 6 servings/package.)

MITRAGYNINE 54.54 mg / serv

TOTAL MAJOR ALKALOIDS 59.76 mg / serv

TOTAL MINOR ALKALOIDS 0.12 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
Tuesday, Apr 29, 2025

RESULTS CERTIFIED BY:



Douglas Smith
VP - Scientific Operations

Cambium Analytica
Tuesday, Apr 29, 2025

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ALKU

KRATOM ALKALOIDS - HIGH LEVELLAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD
ALKU-DTS-250422-046-01 - MON, APR 28, 2025

| ANALYTE | VALUE | VALUE (MG/G) | PER SERVING | PER PACKAGE | ACTION LIMIT | LOD | LOQ | STATUS |
|-----------------------|----------|--------------|-------------|-------------|--------------|----------|----------|--------|
| Mitragynine | 2.1035 % | 21.035 mg/g | 54.54 mg | 327.23 mg | N/A | 0.3 ug/g | 0.5 ug/g | N/A |
| Paynantheine | 0.1147 % | 1.147 mg/g | 2.97 mg | 17.84 mg | N/A | 0.3 ug/g | 0.5 ug/g | N/A |
| Speciogynine | 0.0621 % | 0.621 mg/g | 1.61 mg | 9.66 mg | N/A | 0.3 ug/g | 0.5 ug/g | N/A |
| Speciociliatine | 0.0247 % | 0.247 mg/g | 0.64 mg | 3.84 mg | N/A | 0.3 ug/g | 0.5 ug/g | N/A |
| Total Major Alkaloids | 2.3050 % | 23.050 mg/g | 59.76 mg | 358.58 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-250422-046-01 - MON, APR 28, 2025

| ANALYTE | VALUE | VALUE (MG/G) | PER SERVING | PER PACKAGE | ACTION LIMIT | LOD | LOQ | STATUS |
|-----------------------|-----------|--------------|-------------|-------------|--------------|------------|------------|--------|
| 7-Hydroxymitragynine | 0.00474 % | 0.047 mg/g | 0.12 mg | 0.74 mg | N/A | 0.002 ug/g | 0.011 ug/g | N/A |
| Mitraphylline | 0.00001 % | 0.000 mg/g | 0.00 mg | 0.00 mg | N/A | 0.004 ug/g | 0.019 ug/g | N/A |
| Total Minor Alkaloids | 0.00474 % | 0.047 mg/g | 0.12 mg | 0.74 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-250422-046-01 - FRI, APR 25, 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-250422-046-01 - FRI, APR 25, 2025

| ANALYTE | VALUE | ACTION LIMIT | LOD | LOQ | STATUS |
|---------|-------------|--------------|-----|-----|--------|
| Density | 1.0371 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-250422-046-01 - FRI, APR 25, 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 | 0.004 ug/g | 0.000 mg/g | 0.01 ug | 0.07 ug | N/A | 0.155 ug/kg | 0.515 ug/kg | N/A |
| Mercury | 0.001 ug/g | 0.000 mg/g | 0.00 ug | 0.01 ug | N/A | 0.017 ug/kg | 0.057 ug/kg | N/A |

