# Certificate of Analysis

**Sample Name:** Soma 100
**Client:** Soma Kratom
**Sample Code:** DTS-260923-067
**Matrix Name:** Emulsion - Liquid
**Type / Result:** Quality Assurance - N/A

cambium analytica
an NSF company



**Received Date:** Thu, Sep 24, 2026
**Published Date:** Wed, Sep 30, 2026
**Batch/Lot Code:** B 10261-1
**Batch Size:** N/A
**Sample Size:** 1U
**Average Unit Weight:** 16.0688g (Density (g/mL) * 15.5mL package. 6 servings/apckage)

## RESULT SUMMARY

| | |
|---|---|
| Mitragynine | 18.32 mg /serv |
| Total Major Alkaloids | 19.52 mg /serv |

| ALKU | ALKL | SAL | DEN | HVMET |
|---|---|---|---|---|
| Kratom Alkaloids | Kratom Alkaloids | Salmonella spp. | Density | Heavy Metals |
| High Level | Low Level | GeneUp qPCR | Liquids | Big 4 |

## Approvals

**RESULTS REVIEWED BY:**

Leslie Nagy
Laboratory Director
Cambium Analytica
Wednesday, Sep 30, 2026

**RESULTS CERTIFIED BY:**

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Wednesday, Sep 30, 2026

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## Lab Information

**Address:** 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157

ALKU

## Kratom Alkaloids - High Level

ANA-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD

ALKU-DTS-260923-067-01 - TUE, SEP 29, 2026

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|---|---|---|---|---|---|---|---|---|
| Mitragynine | 0.6840 % | 6.8400 mg/g | 18.32 mg | 109.91 mg | N/A | 0.0505 mg/g | 0.1009 mg/g | N/A |
| Paynantheine | 0.0277 % | 0.2766 mg/g | 0.74 mg | 4.44 mg | N/A | 0.0505 mg/g | 0.1009 mg/g | N/A |
| Speciogynine | 0.0171 % | 0.1708 mg/g | 0.46 mg | 2.74 mg | N/A | 0.0505 mg/g | 0.1009 mg/g | N/A |
| Speciociliatine | <LOQ | N/A | N/A | N/A | N/A | 0.0505 mg/g | 0.1009 mg/g | N/A |
| Total Major Alkaloids * | 0.7287 % | 7.2874 mg/g | 19.52 mg | 117.10 mg | N/A | N/A | N/A | N/A |

* Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogynine.

ALKL

## Kratom Alkaloids - Low Level

ANA-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ

ALKL-DTS-260923-067-01 - TUE, SEP 29, 2026

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|---|---|---|---|---|---|---|---|---|
| 7-Hydroxymitragynine | 0.00077 % | 0.00771 mg/g | 0.02 mg | 0.12 mg | N/A | 0.20188 ug/g | 0.40375 ug/g | N/A |
| Mitraphylline | ND | N/A | N/A | N/A | N/A | 0.40375 ug/g | 0.80751 ug/g | N/A |
| Total Minor Alkaloids * | 0.00077 % | 0.00771 mg/g | 0.02 mg | 0.12 mg | N/A | N/A | N/A | N/A |

* Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.

SAL

## Salmonella spp. - GeneUp qPCR - 25 g

ANA-TM-063 - Qualitative Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements

SAL-DTS-260923-067-01 - MON, SEP 28, 2026

| Analyte | Value | Action Limit | LOD | LOQ | Status |
|---|---|---|---|---|---|
| Salmonella spp. | ND CFU/g | N/A | N/A | N/A | N/A |

USP <62> - Vendor Modified, USP <2022> - Vendor Modified, USP <1223>, AOAC PTM 121802, AOAC OMA 2020.02

DEN

## Density - Liquids

ANA-TM-017 - Brix & Density Analysis

DEN-DTS-260923-067-01 - FRI, SEP 25, 2026

| Analyte | Value | Action Limit | LOD | LOQ | Status |
|---|---|---|---|---|---|
| Density | 1.0367 g/mL | N/A | N/A | N/A | N/A |
| Specific Gravity * | 1.0386 | N/A | N/A | N/A | N/A |

* Specific gravity is calculated using the density of water at 20 °C (0.9982 g/mL) using the equation: [Specific Gravity = (Density of sample in g/mL) ÷ 0.9982 g/mL]

HVMET

## Heavy Metals - Big 4

ANA-TM-044 - Determination of Heavy Metals by ICP-MS

HVMET-DTS-260923-067-01 - MON, SEP 28, 2026

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | N/A | N/A | N/A | N/A | 42.353 ug/kg | 117.647 ug/kg | N/A |
| Cadmium | ND | N/A | N/A | N/A | N/A | 8.471 ug/kg | 11.765 ug/kg | N/A |
| Lead | ND | N/A | N/A | N/A | N/A | 5.176 ug/kg | 11.765 ug/kg | N/A |
| Mercury | ND | N/A | N/A | N/A | N/A | 1.647 ug/kg | 2.941 ug/kg | N/A |

USP <232>; USP <233>