



Green Thai Kratom Certificate of Analysis

R&D

Client Information:

SWEET SOUTHERN TRADE
599 B JOHN SIMS PKWY WEST
NICEVILLE, FL 32578

Batch # Green #25164
Batch Date: 2025-06-13
Extracted From: Kratom Leaf

Cultivation Date: 0000-00-00
Production Date: 0000-00-00

Order # SWE250624-030001
Order Date: 2025-06-24
Sample # AAGV833
Number of Units: 1
Net Weight per Unit: 13873.000 mg
Sampling Method: MSP 7.3.1

Sampling Date: 2025-06-26
Lab Batch Date: 2025-06-26
Completion Date: 2025-07-02

Serving Number: 0.00000

Initial Gross Weight: 18.073 g
Net Weight: 13.873 g



Kratom Tested

Heavy Metals Tested

Kratom Alkaloids
Specimen Weight: 214.100 mg

SOP 13.062 Kratom Alkaloids (LCMS)

Tested

Total Detectable Alkaloids

Total Kratom Alkaloids
3.138% **435.335mg**

| Analyte | LOQ (%) | Result (mg/g) | (%) |
|-----------------------|---------|---------------|---------|
| Mitragynine | 0.0146 | 13.7400 | 1.374 |
| Paynanthelene | 0.0146 | 11.2100 | 1.121 |
| Specioclathine | 0.0146 | 3.0840 | 0.3084 |
| Speciogynine | 0.0146 | 2.9670 | 0.2967 |
| Corynoxine B | 0.0146 | 0.3791 | 0.03791 |
| 7-Hydroxy Mitragynine | 0.0146 | <LOQ | <LOQ |
| Isorhynchophylline | 0.0146 | <LOQ | <LOQ |
| Mitraphylline | 0.0146 | <LOQ | <LOQ |

Prep. By: 1050 Date: 2025-06-30 15:42:02 Analyzed By: 1050 Date: 2025-06-30 15:39:24
Reviewed By: 1010 Date: 2025-07-02 17:00:19 Lab Batch #: AAGV833-412 Date: 2025-07-02 17:00:19

Kratom Heavy Metals
Specimen Weight: 250.000 mg

SOP13.051 (ICP-3; ICP-1)

Tested

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|----------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | .019 | 100 | 1500 | 558 | Manganese (Mn) | .04694 | 1000 | 9000000 | 3320000 |
| Cadmium (Cd) | .004 | 100 | 300 | <LOQ | Mercury (Hg) | .010 | 100 | 500 | <LOQ |
| Lead (Pb) | .044 | 100 | 1000 | 339 | Nickel (Ni) | .149 | 250 | 200000 | 3190 |

Prep. By: 1204 Date: 2025-06-27 19:15:53 Analyzed By: 1264 Date: 2025-06-27 19:15:53
Reviewed By: 1204 Date: 2025-06-30 09:30:14 Lab Batch #: AAGV833-413 Date: 2025-06-30 09:30:14

Alixia Sun
Alixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions and Abbreviations used in this report: (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony-Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (sw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, SK-4.036, SK-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, SK-4.036, SK-4.034. Client supplied the net weight of mg. The results apply to the sample as received.

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