



**White Thai**  
**Certificate of Analysis**

Client Information:

**SWEET SOUTHERN**  
**TRADE**

599 B JOHN SIMS PKWY WEST  
NICEVILLE, FL 32578

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

R&D Cultivation Date: 0000-00-00  
Production Date: 0000-00-00

Order # SWE250624-030001  
Order Date: 2025-06-24  
Sample # AAGV832  
Number of Units: 1  
Net Weight per Unit: 21159.000 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: 25.359 g  
Net Weight: 21.159 g



**Kratom Alkaloids**  
Specimen Weight: 215.000 mg

**SOP 13.062 Kratom Alkaloids (LCMS)**  
**Tested**

Analyte	LOQ (%)	Result (mg/g)	(%)
Mitragynine	0.0146	14.3300	1.433
Paynantheine	0.0146	11.6000	1.16
Speciociliatine	0.0146	3.8900	0.389
Speciogynine	0.0146	3.0560	0.3056
Corynoxine B	0.0146	0.2790	0.0279
7-Hydroxy Mitragynine	0.0146	<LOQ	<LOQ
Isorhynchophylline	0.0146	<LOQ	<LOQ
Mitraphylline	0.0146	<LOQ	<LOQ

**Total Detectable Alkaloids**

**Total Kratom Alkaloids**  
**3.316%**      **701.632mg**

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 #: AAGV832-412      Date: 2025-07-02 17:00:19

**Kratom Heavy Metals**  
Specimen Weight: 245.400 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	545	Manganese (Mn)	.04694	1000	900000	2550000
Cadmium (Cd)	.004	100	300	<LOQ	Mercury (Hg)	.010	100	500	<LOQ
Lead (Pb)	.044	100	1000	382	Nickel (Ni)	.149	250	200000	3130

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 09:30:13      Lab Batch #: AAGV832-413      Date: 2025-06-30 09:30:13

*Aixia Sun*  
Aixia 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), (aw) = 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, 5K-4.036, 5K-4.034. Client supplied the net weight of mg. The results apply to the sample as received.

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