



## Certificate of Analysis

R&amp;D

## Client Information:

**SWEET SOUTHERN TRADE**  
599 B JOHN SIMS PKWY WEST  
NICEVILLE, FL 32578Batch # Shipwreck Kratom  
Specialty Kratom all Strains  
Batch Date: 2024-05-28  
Extracted From: Lot: 24148 KCCultivation Date: 0000-00-00  
Production Date: 0000-00-00Order # SWE240611-010001  
Order Date: 2024-06-11  
Sample # AAFR070  
Number of Units: 1  
Net Weight per Unit: 46292.000 mg  
Sampling Method: MSP 7.3.1Sampling Date: 2024-06-12  
Lab Batch Date: 2024-06-12  
Completion Date: 2024-06-17

Serving Number: 0.00000

Initial Gross Weight: 50.492 g  
Net Weight: 46.292 gHeavy Metals  
TestedPathogenic  
Passed

## Pathogenic SE (Microarray)

Specimen Weight: 1029.100 mg

Passed

SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
E. Coli	1	Absence in 1g	Salmonella	1	Absence in 1g
Prep. By: 1179	Date: 2024-06-14 09:50:34		Analyzed By: 1179	Date: 2024-06-14 10:00:23	
Reviewed By: 1225	Date: 2024-06-14 17:39:19		Lab Batch #: AAFR070-445	Date: 2024-06-14 17:39:19	



## Kratom Heavy Metals

Specimen Weight: 248.000 mg

Tested

SOP13.051 (ICP-MS)

Dilution Factor: 197.550

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	.019	0.5	1500	546	Manganese (Mn)	.04694	5	900000	1640000
Cadmium (Cd)	.004	0.5	300	25.3	Mercury (Hg)	.010	0.5	500	34.7
Lead (Pb)	.044	0.5	1000	403	Nickel (Ni)	.149	1.25	200000	996
Prep. By: 1264	Date: 2024-06-14 19:44:02			Analyzed By: 1264	Date: 2024-06-14 19:44:02				
Reviewed By: 1256	Date: 2024-06-15 17:14:21			Lab Batch #: AAFR070413	Date: 2024-06-15 17:14:21				

Aixa 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. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Sample not received via laboratory sampling.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "ac" are not ISO/IEC 17025:2017 accredited test results.

