



Certificate of Analysis

R&D

Client Information:

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

Batch # Premium Maeng Da
Speciality Kratom all Strains
Batch Date: 2024-05-28
Extracted From: Lot: 24148 KC

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

Order # SWE240611-010001
Order Date: 2024-06-11
Sample # AAFR070
Number of Units: 1
Net Weight per Unit: 46292.000 mg
Sampling Method: MSP 7.3.1

Sampling 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 g



**Heavy Metals
Tested**



**Pathogenic
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				

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. 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.

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