



Certificate of Analysis

R&D

Client Information:

NANO HEMP TECH LABS
22936 KUYKENDAHL RD, SUITE B
SPRING, TX 77389

Batch # SMDG1
Batch Date: 2023-10-30
Extracted From: Kratom Leaf

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

Order # FLA231110-010002-RT
Order Date: 2023-11-10
Sample # AAFA677
Number of Units: 1
Net Weight per Unit: 4332.000 mg
Sampling Method: MSP 7.3.1

Sampling Date: 2023-11-10
Lab Batch Date: 2023-11-10
Completion Date: 2023-11-15

Serving Number: 0.00000

Initial Gross Weight: 17.432 g
Net Weight: 4.332 g



Kratom
Tested

Kratom Alkaloids *

Specimen Weight: 92.300 mg

SOP 13.062 Kratom Alkaloids
(LCMS)

Tested

Total Detectable Alkaloids

Total Kratom Alkaloids
82.364% **3568.00848mg**

Analyte	LOQ (%)	Result (mg/g)	(%)
Mitragynine	0.00146	418.7000	41.87
Paynantheine	0.00146	185.3000	18.53
Speciociliatine	0.00146	124.9000	12.49
Speciogynine	0.00146	62.5600	6.256
Corynoxine B	0.00146	20.3800	2.038
Isorhynchophylline	0.00146	9.4560	0.9456
7-Hydroxy Mitragynine	0.00146	2.3390	0.2339
Mitraphylline	0.00146	<LOQ	<LOQ

Prep. By: 1195 Date: 2023-11-10 18:47:48 Analyzed By: 1252 Date: 2023-11-10 18:29:33
Reviewed By: 1050 Date: 2023-11-15 20:08:58 Lab Batch #: AAFA677-412 Date: 2023-11-15 20:08:58

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 (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (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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