PRIMO
·BOTANICALS·

Enhanced White Kratom
Batch: EWK027

Mitragynine (%)	2.00
7-HydroxyMitragynine (%)	0.001
Paynantheine (%)	0.36
Speciogynine (%)	0.30
Speciociliatine (%)	0.52
Total Alkaloids (%)	3.19
Heavy Metals	PASS
Microbial	PASS

Certificate of Analysis Summary:

This document summarizes the average lab results from the two batches used to create Enhanced White (Batch EWK027), a homogeneous blend of Primo Botanicals' Premium White Kratom (Batch PWK0928) and 60.8% extract (Batch K-63).

The alkaloid content listed reflects a weighted average based on the lab-tested potency and proportional contribution of each component.

Each component was tested prior to formulation to ensure they meet our quality and safety standards. Certificates of Analysis for the contributing batches are provided below.

Certificate of Analysis

Customer Information

Testing Facility

Lab: Cora Science, LLC
Address 8000 Anderson Square, STE 113
Austin, Texas 78757
Contact: info@corascience.com
(512) 856-5007

Sample Image(s)

Sample Information

Name: K-63
Lot Number: K-63
Description: Powdered botanical extract
Condition: Good
Job ID: ISO05230
Sample ID: I14456
Received: 13OCT2025
Completed: 14OCT2025
Issued: 14OCT2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 14OCT2025 | 1238**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	60.9	w/w%	0.018	N/A
7-Hydroxymitragynine	Report Results	0.0434	w/w%	0.018	N/A
Paynantheine	Report Results	8.53	w/w%	0.018	N/A
Speciogynine	Report Results	5.28	w/w%	0.018	N/A
Speciociliatine	Report Results	8.79	w/w%	0.018	N/A
Total Mitragyna Alkaloids	Report Results	83.5	w/w%	0.018	N/A

Additional Report Notes

N/A

Revision History

rev 00 - Initial release.

Abbreviations

ID: identification, **N/A:** not applicable, **LOQ:** limit of quantitation, **CFU:** colony forming units, **w/w%:** weight by weight percent, **mg:** milligrams, **g:** grams, **ug:** micrograms, **mL:** milliliters, **ND:** not detected, **<LOQ:** below limit of quantitation, **NMT:** no more than, **NLT:** no less than, **UHPLC:** ultra-high performance liquid chromatography, **GC:** gas chromatography, **DAD:** diode array detection/detector, **MS:** mass spectroscopy/spectrometer, **ICP:** inductively coupled plasma, **ISO:** International Organization for Standardization, **USP:** United States Pharmacopeia

Authorization

This report has been authorized for release from Cora Science by:

Signature:	Tyler West	**Position:**	Laboratory Director
		Department:	Management
Name:	Tyler West	**Date:**	14OCT2025

ACS LABORATORY | BEYOND COMPLIANCE

721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

Leaf Powder
Sample Matrix:
Kratom
Leaf
(Ingestion)

Certi cate of Analysis

ComplianceTest

Client Information:

PrimoBotanicals
12094 AndersonRd#117
Tampa, Florida 33625

Order # PRI250827-020001
Order Date: 2025-08-27
Sample # AAHA888

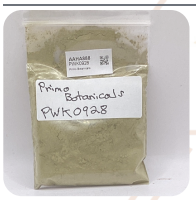
Batch # PWK0928
Batch Date: 2025-08-27
Extracted From: N/A

Sampling Date: 2025-08-28
Lab Batch Date: 2025-08-28
Completion Date: 2025-09-02

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

Serving Number: 0.00000
Number of Units: 1
Net Weight per Unit: 1.000mg
Sampling Method: MSP 7.3.1

Initial Gross Weight: 21.100 g



Krat om	Heavy Metals	Moisture	Pa t hoge ni c	Microbiology Petri lm
Tested	Tested	Tested	Passed	Passed

Kratom Alkaloids

SpecimenWeight:271.000 mg

Tested
SOP 13.062 KratomAlkaloids (LCMS)

Total Detectable Alkaloids

Total Kratom Alkaloids
2.037% 0.0204mg

Analyte	LOQ (%)	Result (m g/ g)	(%)
Mitragynine	0.0146	11.64	1.164
Spe c ioc ilia t in e	0.0146	3.865	0.387
P aynanthe ine	0.0146	2.436	0.244
Spe c iogyn in e	0.0146	2.254	0.225
Corynoxine B	0.0146	0.17	0.017
7-Hydroxy Mitragynine	0.0146	<LOQ	<LOQ
Is orhync hophylline	0.0146	<LOQ	<LOQ
Mitraphylline	0.0146	<LOQ	<LOQ

Prep. By: 1260 **Date:** 2025-08-30 18:41:40 **Analyzed By:** 1263 **Date:** 2025-08-30 12:28:07
Reviewed By: 1010 **Date:** 2025-09-02 09:36:34 **Lab Batch #:** AAHA888-412 **Date:** 2025-09-02 09:36:34

Kratom Heavy Metals

SpecimenWeight: 252.900mg

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

Dilution Factor:197.707

Analyte	LOD (ppb)	LOQ (ppb)	A c tion Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	A c tion Level (ppb)	Result (ppb)
Arsenic (As)	0.019	100	1500	211	Manganese (Mn)	0.047	1000	900000	1450000
Cadmium (Cd)	0.004	100	300	<LOQ	Mercury (Hg)	0.010	100	500	<LOQ
Lead (Pb)	0.044	100	1000	252	Nickel (Ni)	0.149	250	200000	2000

Prep. By: 1204 **Date:** 2025-08-31 10:04:26 **Analyzed By:** 1204 **Date:** 2025-09-01 10:04:06
Reviewed By: 1264 **Date:** 2025-09-02 12:11:16 **Lab Batch #:** AAHA888-413 **Date:** 2025-09-02 12:11:16

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

ACCREDITED CERT #6786.01

DEA REGISTERED LABORATORY #RA0571996

De nitions 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 Client supplied the net weight of mg The results apply to the sample as received.

QA By: 1222 on 2025-09-02 19:38:47 V1

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721 Cortaro Dr.
Sun City Center, FL 33573
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FL License # CMTL-0003

Leaf Powder
Sample Matrix: Kratom Leaf (Ingestion)

Certi cate of Analysis

ComplianceTest

Client Information:
PrimoBotanicals
12094 AndersonRd#117
Tampa, Florida 33625

Order # PRI250827-020001
Order Date: 2025-08-27
Sample # AAHA888

Batch # PWK0928
Batch Date: 2025-08-27
Extracted From: N/A

Sampling Date: 2025-08-28
Lab Batch Date: 2025-08-28
Completion Date: 2025-09-02

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

Serving Number: 0.00000
Number of Units: 1
Net Weight per Unit: 1.000mg
Sampling Method: MSP 7.3.1

Initial Gross Weight: 21.100 g

Mushroom Moisture

SpecimenWeight: 1008.400mg

Tested
SOP13.015 (MoistureMeter)

Dilution Factor:1.000

Analyte	Action Level (ng/ m l)	Result (ng/ m l)
Moisture	15	4.90

Prep.By: 1035 Date: 2025-08-31 15:57:07 Analyzed By: 1035 Date: 2025-08-31 15:57:07
Reviewed By: 1035 Date: 2025-08-31 17:24:49 Lab Batch #: AAHA888-365 Date: 2025-08-31 17:24:49

Pathogenic SE (qPCR)

SpecimenWeight: 1032.500mg

P assed
SOP13.029(qPCR)

Dilution Factor:1.000

Analyte	Result (c fu/ g)	Analyte	Result (c fu/ g)
E.Coli	Absence in 1g	Sa lm on e lla	Absence in 1g

Prep.By: 1179 Date: 2025-08-31 11:55:18 Analyzed By: 1179 Date: 2025-08-31 11:55:18
Reviewed By: 1179 Date: 2025-09-01 16:11:33 Lab Batch #: AAHA888-70 Date: 2025-09-01 16:11:33

Microbiology ACEC (Petri lm)

SpecimenWeight: 1008.400mg

P assed
SOP13.003(Petri lm)

Dilution Factor:1.000

Analyte	LOQ (c fu/ g)	Action Level (c fu/ g)	Result (c fu/ g)	Analyte	LOQ (c fu/ g)	Action Level (c fu/ g)	Result (c fu/ g)
Aerobic Bacteria	20	10000000	<20	Yeast/Mold	20	100000	<20
C oliform	20	10000	<100				

Prep.By: 1179 Date: 2025-08-29 19:31:36 Analyzed By: 1179 Date: 2025-08-29 19:31:36
Reviewed By: 1204 Date: 2025-08-31 17:35:44 Lab Batch #: AAHA888-442 Date: 2025-08-31 17:35:44

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

De nitions are found on page 1

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QA By: 1222 on 2025-09-02 19:38:47 V1