



PRIMO
• BOTANICALS •

Enhanced Red Kratom

Batch: ERK027

Mitragynine (%)	2.01
7-HydroxyMitragynine (%)	0.001
Paynantheine (%)	0.34
Speciogynine (%)	0.24
Speciociliatine (%)	0.47
Total Alkaloids (%)	3.06
Heavy Metals	PASS
Microbial	PASS

Certificate of Analysis Summary:

This document summarizes the average lab results from the two batches used to create Enhanced Red (Batch ERK027), a homogeneous blend of Primo Botanicals' Premium White Kratom (Batch PRK0628) 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:
Address

Contact:

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

Sample Image(s)



Sample Information

Name:
Lot Number:
Description:
Condition:
Job ID:
Sample ID:
Received:
Completed:
Issued:

K-63
K-63
Powdered botanical extract
Good
ISO05230
I14456
13OCT2025
14OCT2025
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:	<i>Tyler West</i>	Position:	Laboratory Director
		Department:	Management
Name:	Tyler West	Date:	14OCT2025



PRIMO
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Certificate of Analysis



Customer Information

Client: Primo Botanicals LLC
Attention:
Address: 12094 Anderson Road #117
Tampa, FL 33625

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: Premium Red Kratom
Lot Number: PRK0628 Finely ground
Description: plant material Good
Condition: ISO04288 I11533
Job ID: 23JUN2025 30JUN2025
Sample ID: 30JUN2025
Received:
Completed:
Issued:

Test Results

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 27JUN2025 | 2137

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.16	w/w%	0.0030	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.0030	N/A
Paynantheine	Report Results	0.224	w/w%	0.0030	N/A
Speciogynine	Report Results	0.162	w/w%	0.0030	N/A
Speciociliatine	Report Results	0.348	w/w%	0.0030	N/A
Total Mitragyna Alkaloids	Report Results	1.89	w/w%	0.0030	N/A

Elemental Impurities (ICP-MS) Method Code: T301 Tested: 30JUN2025 | 1357

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.221	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.082	ug/g	0.002	PASS
Mercury	NMT 0.20	0.016	ug/g	0.002	PASS
Lead	NMT 5.00	0.515	ug/g	0.002	PASS

Microbiological Examination Method Code: T005 Tested: 27JUN2025 | 1620

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	220	CFU/g	20 CFU/g	PASS
Total Yeast and Mold	NMT 100,000 CFU/g	<LOQ	CFU/g	20 CFU/g	PASS
Total Coliforms	NMT 10,000 CFU/g	<LOQ	CFU/g	20 CFU/g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU/10g	PASS
Salmonella spp.	Not Detected in 25 g	Not Detected	N/A	1 CFU/25g	PASS

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Additional Report Notes

N/A

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Authorization

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

Signature:
Name:

Tyler West
Tyler West

Position: Laboratory Director
Department: Management
Date: 30JUN2025

