



PRIMO
• BOTANICALS •

Batch: PTK0301

Mitragynine (%)	1.39
7-HydroxyMitragynine (%)	<LOQ
Paynantheine (%)	0.257
Speciogynine (%)	0.2
Speciociliatine (%)	0.341
Total Alkaloids (%)	2.19
Heavy Metals	PASS
Microbial	PASS

Certificate of Analysis Summary:

This document provides the average laboratory results from the three individual batches used to create our Trainwreck blend, batch PTK0301. Trainwreck is a homogeneous formulation composed of an equal ratio of the three kratom colors offered by Primo Botanicals. The even distribution of each color in the blend ensures the averaged results accurately represent the final product.

Each batch included in this blend was independently tested prior to formulation to ensure compliance with our rigorous quality and safety standards. For reference, individual Certificates of Analysis for each contributing batch are provided below.

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 Green Kratom
Lot Number: PGK01280
Description: Finely ground plant material
Condition: Good
Job ID: ISO03071
Sample ID: I07885
Received: 06JAN2025
Completed: 08JAN2025
Issued: 13JAN2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 07JAN2025 | 1857

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.47	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.003	N/A
Paynantheine	Report Results	0.269	w/w%	0.011	N/A
Speciogynine	Report Results	0.205	w/w%	0.011	N/A
Speciociliatine	Report Results	0.327	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.27	w/w%	0.011	N/A

Elemental Impurities (ICP-MS) Method Code: T301 Tested: 07JAN2025 | 1621

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.155	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.019	ug/g	0.002	PASS
Mercury	NMT 0.20	<LOQ	ug/g	0.002	PASS
Lead	NMT 5.00	0.901	ug/g	0.002	PASS

Microbiological Examination Method Code: T005 Tested: 06JAN2025 | 1251

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	200	CFU/g	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	Not Detected	CFU/g	20 CFU / g	PASS
Total Coliforms	10,000 CFU / g	Not Detected	CFU/g	20 CFU / g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU / 10 g	PASS
Salmonella	Not Detected in 25 g	Not Detected	N/A	1 CFU / 25 g	PASS

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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:		Position:	Laboratory Director
		Department:	Management
Name:	Tyler West	Date:	13JAN2025



Certificate of Analysis



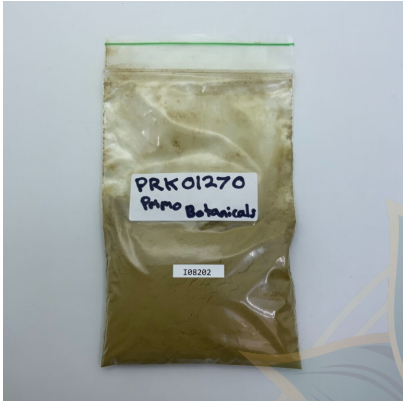
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Sample Image(s)



Sample Information

Name: Premium Red Kratom
Lot Number: PRK01270
Description: Finely ground plant material
Condition: Good
Job ID: ISO03211
Sample ID: I08202
Received: 28JAN2025
Completed: 31JAN2025
Issued: 31JAN2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 31JAN2025 | 0749

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.22	w/w%	0.010	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.003	N/A
Paynantheine	Report Results	0.226	w/w%	0.010	N/A
Speciogynine	Report Results	0.184	w/w%	0.010	N/A
Speciociliatine	Report Results	0.344	w/w%	0.010	N/A
Total Mitragyna Alkaloids	Report Results	1.97	w/w%	0.010	N/A

Elemental Impurities (ICP-MS) Method Code: T301 Tested: 31JAN2025 | 1416

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.235	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.015	ug/g	0.002	PASS
Mercury	NMT 0.20	0.011	ug/g	0.002	PASS
Lead	NMT 5.00	0.788	ug/g	0.002	PASS

Microbiological Examination Method Code: T005 Tested: 28JAN2025 | 1801

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	1,647	CFU/g	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	160	CFU/g	20 CFU / g	PASS
Total Coliforms	10,000 CFU / g	Not Detected	CFU/g	20 CFU / g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU / 10 g	PASS
Salmonella	Not Detected in 25 g	Not Detected	N/A	1 CFU / 25 g	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:		Position:	Laboratory Director
		Department:	Management
Name:	Tyler West	Date:	31JAN2025



Certificate of Analysis



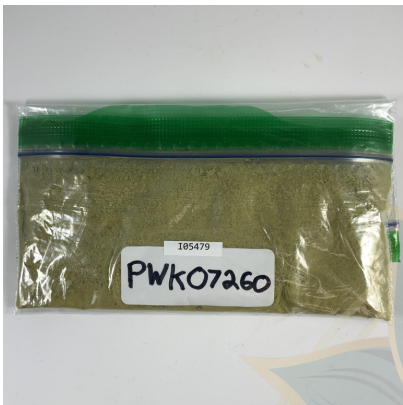
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(512) 856-5007

Sample Image(s)



Sample Information

Name: Premium White Kratom
Lot Number: PWK07260
Description: Finely ground plant material
Condition: Good
Job ID: ISO02322
Sample ID: I05479
Received: 30JUL2024
Completed: 02AUG2024
Issued: 06AUG2024

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 01AUG2024 | 0036**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.49	w/w%	0.005	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.001	N/A
Paynantheine	Report Results	0.275	w/w%	0.005	N/A
Speciogynine	Report Results	0.210	w/w%	0.005	N/A
Speciocilatine	Report Results	0.351	w/w%	0.005	N/A
Total Mitragyna Alkaloids	Report Results	2.33	w/w%	0.005	N/A

Elemental Impurities (ICP-MS) **Method Code: T301** **Tested: 01AUG1924 | 1739**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.0	0.104	ug/g	0.030	PASS
Cadmium	NMT 0.5	<LOQ	ug/g	0.010	PASS
Lead	NMT 5.0	0.867	ug/g	0.010	PASS
Mercury	NMT 0.2	0.00467	ug/g	0.010	PASS

Microbiological Examination **Method Code: T005** **Tested: 31JUL2024 | 1725**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	200	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	Not Detected	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	Not Detected	CFU/gram	20 CFU/gram	PASS
Escherichia coli	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS
Salmonella	Not Detected in 25 grams	Not Detected	N/A	1 CFU/25 grams	PASS

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Authorization

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

Signature:

Tyler West

Position:

Laboratory Director

Department:

Management

Name:

Tyler West

Date:

06AUG2024

