

Certificate of Analysis



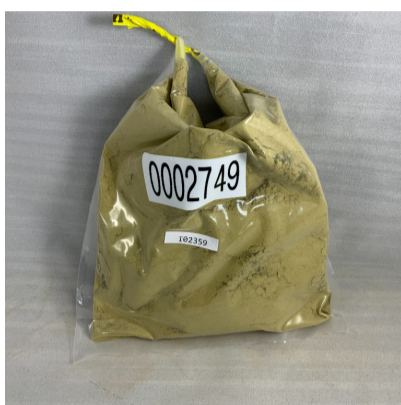
Customer Information

Client: Prof Whyte's Kratom
Attention: (954) 470-1891
Address: 7901 SW 6th Ct, Suite 250B
 Plantation, FL 33324

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: Kratom Powder
Lot Number: 0002749
Description: Finely ground plant material
Condition: Good
Job ID: ISO01407
Sample ID: I02359
Received: 06SEP2023
Completed: 12SEP2023
Issued: 21DEC2023

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 08SEP2023 | 1301

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.25	w/w%	0.010	N/A
7-Hydroxymitragynine	Report Results	0.009	w/w%	0.003	N/A
Paynantheine	Report Results	0.244	w/w%	0.010	N/A
Speciogynine	Report Results	0.183	w/w%	0.010	N/A
Speciociliatine	Report Results	0.441	w/w%	0.010	N/A
Total Mitragyna Alkaloids	Report Results	2.13	w/w%	0.010	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 11SEP2023 | 1631

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	0.17	ug/g	0.042	PASS
Cadmium	NMT 0.4	0.022	ug/g	0.0084	PASS
Lead	NMT 1.25	0.26	ug/g	0.0084	PASS
Mercury	NMT 0.2	0.011	ug/g	0.0084	PASS

Microbiological Examination

Method Code: T005

Tested: 07SEP2023 | 1209

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	5,740	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	180	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

Additional Report Notes

T301 performed by a registered outsourcing facility. Specifications provided by client.

Revision History

rev 00 - Initial release.

rev 01 - updated client information and footer; this version does not supersede rev 00

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:

21DEC2023

Certificate of Analysis



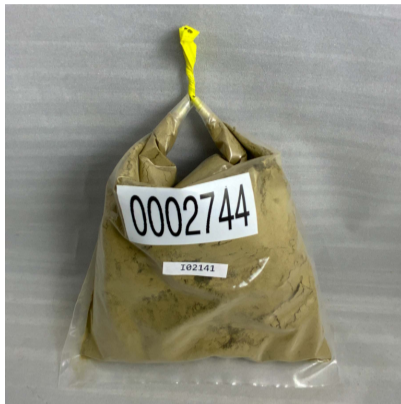
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Testing Facility

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Contact: info@corascience.com
 (512) 856-5007

Sample Image(s)



Sample Information

Name: Kratom Powder
Lot Number: 0002744
Description: Finely ground plant material
Condition: Good
Job ID: ISO01350
Sample ID: I02141
Received: 04AUG2023
Completed: 10AUG2023
Issued: 21DEC2023

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 05AUG2023 | 1710

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.12	w/w%	0.010	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.005	N/A
Paynantheine	Report Results	0.200	w/w%	0.011	N/A
Speciogynine	Report Results	0.181	w/w%	0.010	N/A
Speciociliatine	Report Results	0.437	w/w%	0.010	N/A
Total Mitragyna Alkaloids	Report Results	1.94	w/w%	0.010	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 10AUG2023 | 1856

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	0.14	ug/g	0.042	PASS
Cadmium	NMT 0.4	0.026	ug/g	0.0084	PASS
Lead	NMT 1.25	0.34	ug/g	0.0084	PASS
Mercury	NMT 0.2	0.022	ug/g	0.0084	PASS

Microbiological Examination

Method Code: T005

Tested: 07AUG2023 | 1232

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	15,100	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	5,500	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	160	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

Additional Report Notes

T301 performed by a registered outsourcing facility. Specifications provided by client.

Revision History

rev 00 - initial release

rev 01 - amended T005 results

rev 02 - updated client information and footer; this version does not supersede rev 00

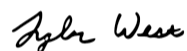
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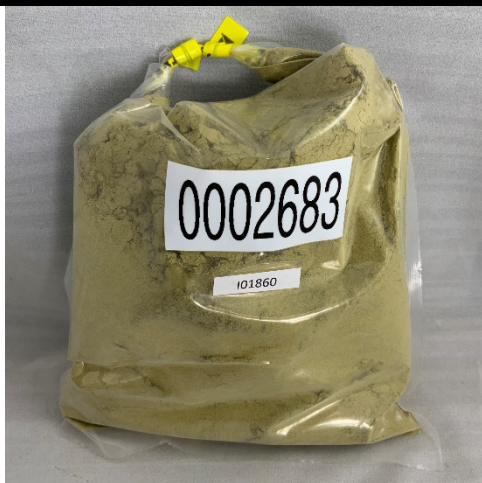
CUSTOMER INFORMATION

Client Name: Prof Whyte Kratom
 Address: 7901 SW 6th Ct
 Plantation, FL 33324
 Phone Number: (754) 800-5219

TESTING FACILITY

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

SAMPLE IMAGE(S)



JOB / SAMPLE INFORMATION

Received: 16 JUN 2023
 Condition: Good
 Job ID: ISO01278
 Sample ID: I01860
 Sample Name: Kratom Powder
 Lot 0002683
 Description: Finely ground plant material
 Completed: 26 JUN 2023
 Issued: 08 SEP 2023

TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested: 21JUN2023 1505	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.22	w/w%	0.020	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.020	N/A
Paynantheine	Report Results	0.245	w/w%	0.020	N/A
Speciogynine	Report Results	0.221	w/w%	0.020	N/A
Speciociliatine	Report Results	0.421	w/w%	0.020	N/A
Total Mitragyna Alkaloids	Report Results	2.11	w/w%	0.020	N/A

Elemental Impurities (ICP-MS)		Method Code:	T301	Tested: 26JUN2023 1401	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	0.29	ug/g	0.048	PASS
Cadmium	NMT 0.4	0.018	ug/g	0.0096	PASS
Lead	NMT 1.25	0.34	ug/g	0.0096	PASS
Mercury	NMT 0.2	0.035	ug/g	0.0096	PASS

Microbiological Examination		Method Code:	T005	Tested: 16JUN2023 1450	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	5,800	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	270	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	140	CFU/gram	20 CFU/gram	PASS
<i>Escherichia coli</i>	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS
<i>Salmonella</i>	Not Detected in 25 grams	Not Detected	N/A	1 CFU/25 grams	PASS

ADDITIONAL REPORT NOTES

T301 performed by a registered outsourcing facility. Specifications provided by client.

REVISION HISTORY

rev00 Initial release.
rev01 Updated client contact information. This version does not supersede rev00.

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

Signature:  Department: Management
Name: Tyler West, Laboratory Director Date: 08 SEP 2023

ABBREVIATIONS

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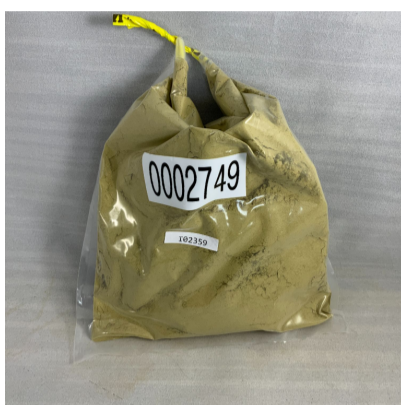
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Paynantheine	Report Results	0.244	w/w%	0.010	N/A
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Total Mitragyna Alkaloids	Report Results	2.13	w/w%	0.010	N/A

Elemental Impurities (ICP-MS)

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
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Cadmium	NMT 0.4	0.022	ug/g	0.0084	PASS
Lead	NMT 1.25	0.26	ug/g	0.0084	PASS
Mercury	NMT 0.2	0.011	ug/g	0.0084	PASS

Microbiological Examination

Method Code: T005

Tested: 07SEP2023 | 1209

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	5,740	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	180	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

Additional Report Notes

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Authorization

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Signature:



Position:

Laboratory Director

Department:

Management

Name:

Tyler West

Date:

21DEC2023