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: 100mg MIT + 100mg Kava KPlex shot
Lot Number: 12199
Description: Liquid botanical extract
Condition: Good
Job ID: ISO07870
Sample ID: I22101
Received: 11AUG2026
Completed: 13AUG2026
Report Date: 18AUG2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11AUG2026 | 2254**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	161	mg/unit	5.79	N/A
Paynantheine	Report Results	17.8	mg/unit	5.79	N/A
Speciogynine	Report Results	12.2	mg/unit	5.79	N/A
Speciociliatine	Report Results	15.4	mg/unit	5.79	N/A
Total Mitragyna Alkaloids	Report Results	206	mg/unit	5.79	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11AUG2026 | 2254**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.248	w/w%	0.0089	N/A
Paynantheine	Report Results	0.0274	w/w%	0.0089	N/A
Speciogynine	Report Results	0.0188	w/w%	0.0089	N/A
Speciociliatine	Report Results	0.0237	w/w%	0.0089	N/A
Total Mitragyna Alkaloids	Report Results	0.318	w/w%	0.0089	N/A

Mitragynine Derivatives [UHPLC-MS] **Method Code: T191** **Tested: 13AUG2026 | 0220**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-hydroxymitragynine	Report Results	2.12	ug/g	1.91	MDL: 1.44
9-hydroxycorynantheidine	Report Results	ND	ug/g	1.44	MDL: 0.48
Mitragynine Pseudoindoxyl	Report Results	ND	ug/g	1.44	MDL: 0.48
7-acetoxymitragynine	Report Results	ND	ug/g	1.44	MDL: 0.48
Dihydro-7-hydroxymitragynine	Report Results	ND	ug/g	1.44	MDL: 0.48
10-fluoro-dihydro-7-hydroxymitragynine	Report Results	ND	ug/g	1.44	MDL: 0.48

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Unit Weight Analysis (Gravimetric) **Method Code: T503** **Tested: 11AUG2026 | 2043**

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.081	g/mL	0.5-1.5	N/A

Loss on Drying **Method Code: T505** **Tested: 13AUG2026 | 1341**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Loss on Drying	Report Results	70.6	%	0.1	N/A

Kavalactones (UHPLC-DAD) **Method Code: T104** **Tested: 12AUG2026 | 2058**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	28.0	mg/unit	3.09	N/A
Dihydrokavain	Report Results	44.3	mg/unit	3.09	N/A
Methysticin	Report Results	15.8	mg/unit	3.09	N/A
Dihydromethysticin	Report Results	21.5	mg/unit	3.09	N/A
Yangonin	Report Results	13.6	mg/unit	3.09	N/A
Desmethoxyyangonin	Report Results	14.1	mg/unit	3.09	N/A
Flavokawain A	Report Results	<LOQ	mg/unit	3.09	N/A
Flavokawain B	Report Results	<LOQ	mg/unit	3.09	N/A
Flavokawain C	Report Results	<LOQ	mg/unit	3.09	N/A
Total Kavalactones	Report Results	137	mg/unit	3.09	N/A

Kavalactones (UHPLC-DAD) **Method Code: T104** **Tested: 12AUG2026 | 2058**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.0432	w/w%	0.0048	N/A
Dihydrokavain	Report Results	0.0684	w/w%	0.0048	N/A
Methysticin	Report Results	0.0244	w/w%	0.0048	N/A
Dihydromethysticin	Report Results	0.0332	w/w%	0.0048	N/A
Yangonin	Report Results	0.0209	w/w%	0.0048	N/A
Desmethoxyyangonin	Report Results	0.0218	w/w%	0.0048	N/A
Flavokawain A	Report Results	<LOQ	w/w%	0.0048	N/A
Flavokawain B	Report Results	<LOQ	w/w%	0.0048	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.0048	N/A
Total Kavalactones	Report Results	0.212	w/w%	0.0048	N/A

Additional Report Notes

T102 and T104 results, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density and package specified fill volume. 10-fluoro-dihydro-7-hydroxymitragynine refers to CAS 1158901-40-6 also known as MGM-16.

Revision History

Report ID: 4b2cedf8-7871-5497-9aec-f8e181d744f3
rev 00 - Initial release.
rev 01 - Technical revision.
rev 02 - Updated customer information per client request.

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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:**	18AUG2026

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