Certificate of Analysis

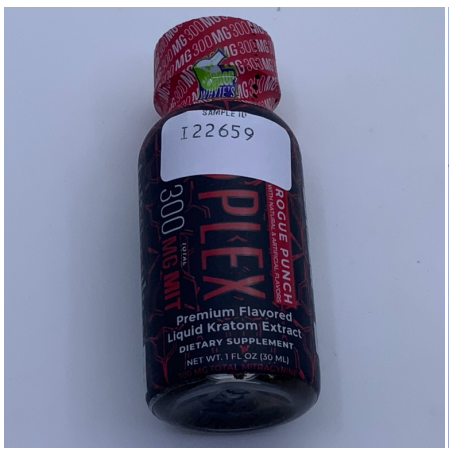
Customer Information

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: 300 mg K-Plex Extract Shot - Rouge Punch
Lot Number: 12315
Description: Liquid botanical extract
Condition: Good
Job ID: ISO08062
Sample ID: I22659
Received: 09SEP2026
Completed: 11SEP2026
Report Date: 25SEP2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11SEP2026 | 0558**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	283	mg/unit	0.87	N/A
7-Hydroxymitragynine	Report Results	1.21	mg/unit	0.87	N/A
Paynantheine	Report Results	34.2	mg/unit	0.87	N/A
Speciogynine	Report Results	23.5	mg/unit	0.87	N/A
Speciociliatine	Report Results	30.2	mg/unit	0.87	N/A
Total Mitragyna Alkaloids	Report Results	372	mg/unit	0.87	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11SEP2026 | 0558**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.908	w/w%	0.0028	N/A
7-Hydroxymitragynine	Report Results	0.00389	w/w%	0.0028	N/A
Paynantheine	Report Results	0.110	w/w%	0.0028	N/A
Speciogynine	Report Results	0.0754	w/w%	0.0028	N/A
Speciociliatine	Report Results	0.0968	w/w%	0.0028	N/A
Total Mitragyna Alkaloids	Report Results	1.19	w/w%	0.0028	N/A

Mitragynine Derivatives [UHPLC-MS] **Method Code: T191** **Tested: 10SEP2026 | 0010**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-hydroxymitragynine	Report Results	18.5	ug/g	2.22	MDL: 1.11
9-hydroxycorynantheidine	Report Results	<LOQ (1.17)	ug/g	2.22	MDL: 1.11
Mitragynine Pseudoindoxyl	Report Results	ND	ug/g	2.22	MDL: 1.11

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-acetoxymitragynine	Report Results	ND	ug/g	2.22	MDL: 1.11
Dihydro-7-hydroxymitragynine (MGM-15)	Report Results	ND	ug/g	2.22	MDL: 1.11
10-fluoro-dihydro-7-hydroxymitragynine (MGM-16)	Report Results	ND	ug/g	2.22	MDL: 1.11

Florida Kratom Compliance — 2ER26-2 / 5KER26-11 **Method Code: T102/T503/T191** **Tested: 11SEP2026 | 1807**

PARAMETER	SPECIFICATION	RESULT	UNIT	MDL/LOD	NOTES
Mitragynine Concentration	Report Results	9.434	mg/mL	N/A	N/A
Mitragynine per Labeled Package	Report Results	283	mg/package	N/A	N/A
Product Density	Report Results	1.039	g/mL	N/A	N/A
7-Hydroxymitragynine Label Concentration	Report Results	0.01922	mg/mL	0.001153	N/A
7-Acetoxymitragynine	Not Detected	ND	mg/mL	0.001153	PASS
Dihydro-7-hydroxymitragynine (MGM-15)	Not Detected	ND	mg/mL	0.001153	PASS
9-Fluoro-7-hydroxymitragynine (MGM-16)	Not Detected	ND	mg/mL	0.001153	PASS
7-Hydroxymitragynine Limit	NMT 1.00	0.01922	mg/mL	N/A	PASS
Mitragynine-to-7OH Ratio	NLT 100:1	490.8:1	N/A	N/A	PASS
Alkaloid Ratio Declaration	Report Results	283:1	mg:mg	N/A	N/A

Unit Weight Analysis (Gravimetric) **Method Code: T503** **Tested: 10SEP2026 | 1555**

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.039	g/mL	0.5-1.5	N/A

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density and package specified fill volume.

Revision History

Report ID: b1a9b092-85d0-5296-96e4-33df83fb99c2
rev 00 - Initial release.
rev 01 - Updated customer information per client request.

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

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

Signature:		**Position:**	Laboratory Director
		Department:	Management
Name:	Tyler West	**Date:**	25SEP2026

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