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 - Blueberry Lemonade
Lot Number: 08082026
Description: Liquid botanical extract
Condition: Good
Job ID: ISO08062
Sample ID: I22658
Received: 09SEP2026
Completed: 11SEP2026
Report Date: 25SEP2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11SEP2026 | 0503**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	296	mg/unit	0.92	N/A
7-Hydroxymitragynine	Report Results	1.08	mg/unit	0.92	N/A
Paynantheine	Report Results	34.6	mg/unit	0.92	N/A
Speciogynine	Report Results	23.7	mg/unit	0.92	N/A
Speciociliatine	Report Results	30.8	mg/unit	0.92	N/A
Total Mitragyna Alkaloids	Report Results	386	mg/unit	0.92	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11SEP2026 | 0503**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.952	w/w%	0.0029	N/A
7-Hydroxymitragynine	Report Results	0.00348	w/w%	0.0029	N/A
Paynantheine	Report Results	0.111	w/w%	0.0029	N/A
Speciogynine	Report Results	0.0762	w/w%	0.0029	N/A
Speciociliatine	Report Results	0.0990	w/w%	0.0029	N/A
Total Mitragyna Alkaloids	Report Results	1.24	w/w%	0.0029	N/A

Mitragynine Derivatives [UHPLC-MS] **Method Code: T191** **Tested: 09SEP2026 | 2315**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-hydroxymitragynine	Report Results	10.5	ug/g	2.05	MDL: 1.02
9-hydroxycorynantheidine	Report Results	<LOQ (1.22)	ug/g	2.05	MDL: 1.02
Mitragynine Pseudoindoxyl	Report Results	ND	ug/g	2.05	MDL: 1.02

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-acetoxymitragynine	Report Results	ND	ug/g	2.05	MDL: 1.02
Dihydro-7-hydroxymitragynine (MGM-15)	Report Results	ND	ug/g	2.05	MDL: 1.02
10-fluoro-dihydro-7-hydroxymitragynine (MGM-16)	Report Results	ND	ug/g	2.05	MDL: 1.02

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	9.872	mg/mL	N/A	N/A
Mitragynine per Labeled Package	Report Results	296.2	mg/package	N/A	N/A
Product Density	Report Results	1.037	g/mL	N/A	N/A
7-Hydroxymitragynine Label Concentration	Report Results	0.01089	mg/mL	0.001058	N/A
7-Acetoxymitragynine	Not Detected	ND	mg/mL	0.001058	PASS
Dihydro-7-hydroxymitragynine (MGM-15)	Not Detected	ND	mg/mL	0.001058	PASS
9-Fluoro-7-hydroxymitragynine (MGM-16)	Not Detected	ND	mg/mL	0.001058	PASS
7-Hydroxymitragynine Limit	NMT 1.00	0.01089	mg/mL	N/A	PASS
Mitragynine-to-7OH Ratio	NLT 100:1	906.7:1	N/A	N/A	PASS
Alkaloid Ratio Declaration	Report Results	296:0	mg:mg	N/A	N/A

Unit Weight Analysis (Gravimetric) **Method Code: T503** **Tested: 10SEP2026 | 1552**

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.037	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: ab478253-645d-5f55-89c6-d431df518a5a
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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