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: 450 mg K-Plex Extract Shot - Blueberry Lemonade
Lot Number: 12314
Description: Liquid botanical extract
Condition: Good
Job ID: ISO08033
Sample ID: I22608
Received: 02SEP2026
Completed: 16SEP2026
Report Date: 25SEP2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 15SEP2026 | 2119**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	279	mg/unit	1.84	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	1.84	N/A
Paynantheine	Report Results	32.2	mg/unit	1.84	N/A
Speciogynine	Report Results	22.4	mg/unit	1.84	N/A
Speciociliatine	Report Results	28.2	mg/unit	1.84	N/A
Total Mitragyna Alkaloids	Report Results	362	mg/unit	1.84	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 15SEP2026 | 2119**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.447	w/w%	0.0030	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.0030	N/A
Paynantheine	Report Results	0.0515	w/w%	0.0030	N/A
Speciogynine	Report Results	0.0359	w/w%	0.0030	N/A
Speciociliatine	Report Results	0.0452	w/w%	0.0030	N/A
Total Mitragyna Alkaloids	Report Results	0.580	w/w%	0.0030	N/A

Mitragynine Derivatives [UHPLC-MS] **Method Code: T191** **Tested: 10SEP2026 | 0447**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-hydroxymitragynine	Report Results	10.2	ug/g	2.92	MDL: 1.46
9-hydroxycorynantheidine	Report Results	ND	ug/g	2.92	MDL: 1.46
Mitragynine Pseudoindoxyl	Report Results	ND	ug/g	2.92	MDL: 1.46

This report, prepared by Cora Science, LLC, shall not be reproduced except in its entirety without prior written approval. All test articles are analyzed as received and the results relate only to the specific sample of material or product analyzed. Test methods are performed in a laboratory accredited to ISO/IEC 17025:2017 in the field of testing by PJLA (Accreditation #116374) or a registered outsourcing facility. Some test methods reported may fall outside the scope of L22-250 supplement.

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-acetoxymitragynine	Report Results	ND	ug/g	2.92	MDL: 1.46
Dihydro-7-hydroxymitragynine (MGM-15)	Report Results	ND	ug/g	2.92	MDL: 1.46
10-fluoro-dihydro-7-hydroxymitragynine (MGM-16)	Report Results	ND	ug/g	2.92	MDL: 1.46

Florida Kratom Compliance — 2ER26-2 / 5KER26-11 **Method Code: T102/T503/T191** **Tested: 16SEP2026 | 1218**

PARAMETER	SPECIFICATION	RESULT	UNIT	MDL/LOD	NOTES
Mitragynine Concentration	Report Results	4.653	mg/mL	N/A	N/A
Mitragynine per Labeled Package	Report Results	279	mg/package	N/A	N/A
Product Density	Report Results	1.041	g/mL	N/A	N/A
7-Hydroxymitragynine Label Concentration	Report Results	0.01062	mg/mL	0.00152	N/A
7-Acetoxymitragynine	Not Detected	ND	mg/mL	0.00152	PASS
Dihydro-7-hydroxymitragynine (MGM-15)	Not Detected	ND	mg/mL	0.00152	PASS
9-Fluoro-7-hydroxymitragynine (MGM-16)	Not Detected	ND	mg/mL	0.00152	PASS
7-Hydroxymitragynine Limit	NMT 1.00	0.01062	mg/mL	N/A	PASS
Mitragynine-to-7OH Ratio	NLT 100:1	438.2:1	N/A	N/A	PASS
Alkaloid Ratio Declaration	Report Results	279:1	mg:mg	N/A	N/A

Unit Weight Analysis (Gravimetric) **Method Code: T503** **Tested: 09SEP2026 | 1506**

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.041	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: 6cba0488-a653-5fa4-bd4c-f7262ee44863
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

This report, prepared by Cora Science, LLC, shall not be reproduced except in its entirety without prior written approval. All test articles are analyzed as received and the results relate only to the specific sample of material or product analyzed. Test methods are performed in a laboratory accredited to ISO/IEC 17025:2017 in the field of testing by PJLA (Accreditation #116374) or a registered outsourcing facility. Some test methods reported may fall outside the scope of L22-250 supplement.

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

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

This report, prepared by Cora Science, LLC, shall not be reproduced except in its entirety without prior written approval. All test articles are analyzed as received and the results relate only to the specific sample of material or product analyzed. Test methods are performed in a laboratory accredited to ISO/IEC 17025:2017 in the field of testing by PJLA (Accreditation #116374) or a registered outsourcing facility. Some test methods reported may fall outside the scope of L22-250 supplement.