Certificate of Analysis

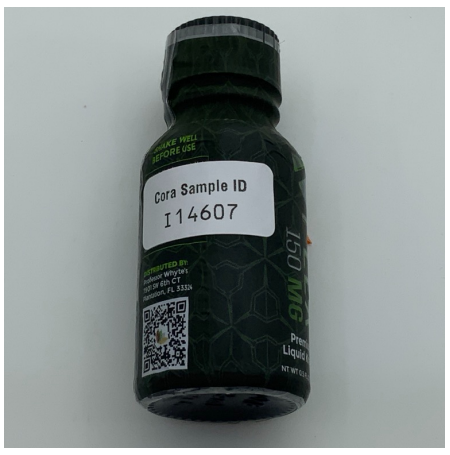
Customer Information

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: 150 mg MIT
Lot Number: 102511
Description: Ready-to-drink botanical infused beverage
Condition: Good
Job ID: ISO05296
Sample ID: I14607
Received: 21OCT2025
Completed: 29OCT2025
Issued: 29OCT2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 21OCT2025 | 2139**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	150	mg/unit	0.76	N/A
7-Hydroxymitragynine	Report Results	0.158	mg/unit	0.10	N/A
Paynantheine	Report Results	25.1	mg/unit	0.76	N/A
Speciogynine	Report Results	16.1	mg/unit	0.76	N/A
Speciociliatine	Report Results	37.6	mg/unit	0.76	N/A
Total Mitragyna Alkaloids	Report Results	229	mg/unit	0.76	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 21OCT2025 | 2139**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.866	w/w%	0.0044	N/A
7-Hydroxymitragynine	Report Results	0.000908	w/w%	0.00059	N/A
Paynantheine	Report Results	0.145	w/w%	0.0044	N/A
Speciogynine	Report Results	0.0925	w/w%	0.0044	N/A
Speciociliatine	Report Results	0.216	w/w%	0.0044	N/A
Total Mitragyna Alkaloids	Report Results	1.32	w/w%	0.0044	N/A

Moisture Content **Method Code: T505** **Tested: 29OCT2025 | 1036**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Moisture	Report Results	43.6	%	0.1	N/A

7-Hydroxymitragynine Limit (0.04%) **Method Code: 813** **Tested: 29OCT2025 | 1036**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	16	ppm	10	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.157 g/mL and package specified fill volume of 15.0 mL. T813 results are reported on a dry-weight basis (DWB). Reported values converted from T102/T102E results using the laboratory-measured moisture content by T505 for each sample:
DWB w/w% = (as-received w/w%) ÷ (1 − moisture%/100).

Revision History

rev 00 - Initial release.
rev 01 - Added T505 and T813 results.

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:**	29OCT2025