Certificate of Analysis

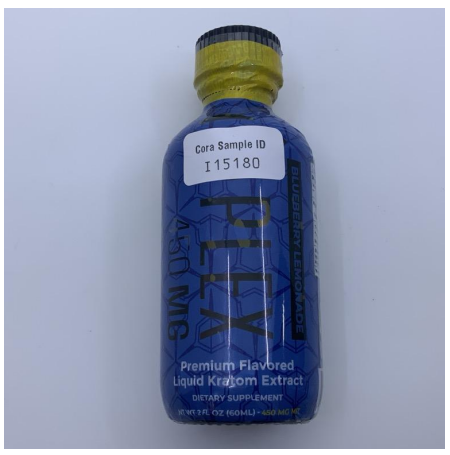
Customer Information

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 shot
Lot Number: 112533
Description: Ready-to-drink botanical infused beverage
Condition: Good
Job ID: ISO05485
Sample ID: I15180
Received: 10NOV2025
Completed: 11NOV2025
Issued: 11NOV2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11NOV2025 | 1022**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.678	w/w%	0.0015	N/A
7-Hydroxymitragynine	Report Results	0.000923	w/w%	0.00020	N/A
Paynantheine	Report Results	0.115	w/w%	0.0015	N/A
Speciogynine	Report Results	0.0730	w/w%	0.0015	N/A
Speciociliatine	Report Results	0.161	w/w%	0.0015	N/A
Total Mitragyna Alkaloids	Report Results	1.03	w/w%	0.0015	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11NOV2025 | 1022**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	469	mg/unit	1.02	N/A
7-Hydroxymitragynine	Report Results	0.639	mg/unit	0.14	N/A
Paynantheine	Report Results	79.5	mg/unit	1.02	N/A
Speciogynine	Report Results	50.6	mg/unit	1.02	N/A
Speciociliatine	Report Results	111	mg/unit	1.02	N/A
Total Mitragyna Alkaloids	Report Results	711	mg/unit	1.02	N/A

Loss on Drying **Method Code: T505** **Tested: 10NOV2025 | 1614**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Loss on Drying	Report Results	43.4	%	0.1	N/A

7-Hydroxymitragynine Limit (0.04%) **Method Code: 813** **Tested: 11NOV2025 | 1400**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	16	ppm	4	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.155 g/mL and a package-specified product volume of 60.0 mL. T813 results are reported on a dry-weight basis (DWB). Reported values converted from T102 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.

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:		**Position:**	Laboratory Director
		Department:	Management
Name:	Tyler West	**Date:**	11NOV2025