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: 042644
Description: Liquid botanical extract
Condition: Good
Job ID: ISO06927
Sample ID: I19339
Received: 22APR2026
Completed: 22APR2026
Issued: 05MAY2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 22APR2026 | 2137**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	497	mg/unit	0.11	N/A
7-Hydroxymitragynine	Report Results	0.556	mg/unit	0.11	N/A
Paynantheine	Report Results	13.0	mg/unit	0.11	N/A
Speciogynine	Report Results	5.56	mg/unit	0.11	N/A
Speciociliatine	Report Results	1.39	mg/unit	0.11	N/A
Total Mitragyna Alkaloids	Report Results	517	mg/unit	0.11	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 22APR2026 | 2137**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.711	w/w%	0.00016	N/A
7-Hydroxymitragynine	Report Results	0.000796	w/w%	0.00016	N/A
Paynantheine	Report Results	0.0186	w/w%	0.00016	N/A
Speciogynine	Report Results	0.00796	w/w%	0.00016	N/A
Speciociliatine	Report Results	0.00199	w/w%	0.00016	N/A
Total Mitragyna Alkaloids	Report Results	0.740	w/w%	0.00016	N/A

Loss on Drying **Method Code: T505** **Tested: 22APR2026 | 1625**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Loss on Drying	Report Results	38.7	%	0.1	N/A

7-Hydroxymitragynine Limit (0.04%) **Method Code: 813** **Tested: 22APR2026 | 2137**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	13	ppm	3	PASS

Unit Weight Analysis (Gravimetric) **Method Code: T503** **Tested: 22APR2026 | 2006**

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.164	g/mL	0.5-1.5	N/A

Additional Report Notes

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

Revision History

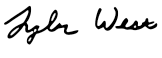
Report ID: 91eeb9fd-02b3-4cfc-813c-9a56b8b88b4b
rev 00 - Initial release.
rev 01 - Updated lot number per customer request.

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 has been authorized for release from Cora Science by:

Signature: 
Name: Tyler West
Position: Laboratory Director
Department: Management
Date: 05MAY2026