



# Certificate of Analysis

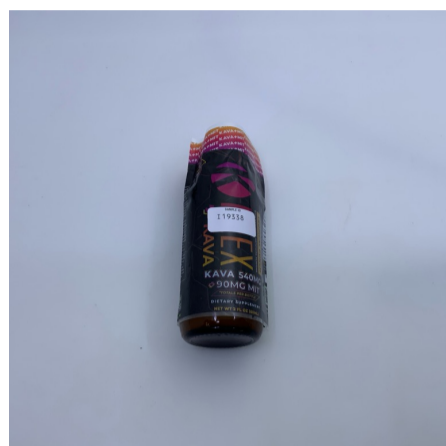
## Customer Information

**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:** 630 mg shot  
**Lot Number:** 042633  
**Description:** Liquid botanical extract  
**Condition:** Good  
**Job ID:** ISO06927  
**Sample ID:** I19338  
**Received:** 22APR2026  
**Completed:** 23APR2026  
**Issued:** 05MAY2026

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 22APR2026 | 2042

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	98.1	mg/unit	0.11	N/A
7-Hydroxymitragynine	Report Results	0.134	mg/unit	0.11	N/A
Paynantheine	Report Results	1.31	mg/unit	0.11	N/A
Speciogynine	Report Results	0.678	mg/unit	0.11	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	0.11	N/A
Total Mitragyna Alkaloids	Report Results	100	mg/unit	0.11	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 22APR2026 | 2042

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.142	w/w%	0.00016	N/A
7-Hydroxymitragynine	Report Results	0.000194	w/w%	0.00016	N/A
Paynantheine	Report Results	0.00189	w/w%	0.00016	N/A
Speciogynine	Report Results	0.000979	w/w%	0.00016	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.00016	N/A
Total Mitragyna Alkaloids	Report Results	0.145	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	42.7	%	0.1	N/A

### 7-Hydroxymitragynine Limit (0.04%)

Method Code: 813

Tested: 22APR2026 | 2042

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

**Unit Weight Analysis (Gravimetric)****Method Code: T503****Tested: 22APR2026 | 2003**

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.154	g/mL	0.5-1.5	N/A

**Kavalactones (UHPLC-DAD)****Method Code: T104****Tested: 23APR2026 | 2004**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	94.5	mg/unit	1.10	N/A
Dihydrokavain	Report Results	189	mg/unit	1.10	N/A
Methysticin	Report Results	72.6	mg/unit	1.10	N/A
Dihydromethysticin	Report Results	103	mg/unit	1.10	N/A
Yangonin	Report Results	57.0	mg/unit	1.10	N/A
Desmethoxyyangonin	Report Results	67.4	mg/unit	1.10	N/A
Flavokawain A	Report Results	6.17	mg/unit	1.10	N/A
Flavokawain B	Report Results	11.2	mg/unit	1.10	N/A
Flavokawain C	Report Results	<LOQ	mg/unit	1.10	N/A
Total Kavalactones	Report Results	584	mg/unit	1.10	N/A

**Kavalactones (UHPLC-DAD)****Method Code: T104****Tested: 23APR2026 | 2004**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.136	w/w%	0.0016	N/A
Dihydrokavain	Report Results	0.273	w/w%	0.0016	N/A
Methysticin	Report Results	0.105	w/w%	0.0016	N/A
Dihydromethysticin	Report Results	0.149	w/w%	0.0016	N/A
Yangonin	Report Results	0.0823	w/w%	0.0016	N/A
Desmethoxyyangonin	Report Results	0.0974	w/w%	0.0016	N/A
Flavokawain A	Report Results	0.00892	w/w%	0.0016	N/A
Flavokawain B	Report Results	0.0161	w/w%	0.0016	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.0016	N/A
Total Kavalactones	Report Results	0.843	w/w%	0.0016	N/A

## Additional Report Notes

T102 and T104 results, 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: 00323bad-f634-42e2-a950-bdef251d4c1f

rev 00 - Initial release.

rev 01 - Added T104 results.

rev 02 - 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

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## Authorization

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

<b>Signature:</b>	<i>Tyler West</i>	<b>Position:</b>	Laboratory Director
<b>Name:</b>	Tyler West	<b>Department:</b>	Management
		<b>Date:</b>	05MAY2026