



# 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:** 300 mg Shot  
**Lot Number:** 052622  
**Description:** Liquid botanical extract  
**Condition:** Good  
**Job ID:** ISO07125  
**Sample ID:** I19959  
**Received:** 18MAY2026  
**Completed:** 18MAY2026  
**Issued:** 19MAY2026

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 18MAY2026 | 1919

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	313	mg/unit	0.78	N/A
7-Hydroxymitragynine	Report Results	3.42	mg/unit	0.78	N/A
Paynantheine	Report Results	6.37	mg/unit	0.78	N/A
Speciogynine	Report Results	3.09	mg/unit	0.78	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	0.78	N/A
Total Mitragyna Alkaloids	Report Results	326	mg/unit	0.78	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 18MAY2026 | 1919

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.79	w/w%	0.0044	N/A
7-Hydroxymitragynine	Report Results	0.0195	w/w%	0.0044	N/A
Paynantheine	Report Results	0.0364	w/w%	0.0044	N/A
Speciogynine	Report Results	0.0177	w/w%	0.0044	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.0044	N/A
Total Mitragyna Alkaloids	Report Results	1.86	w/w%	0.0044	N/A

### Loss on Drying

Method Code: T505

Tested: 18MAY2026 | 1641

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Loss on Drying	Report Results	40.4	%	0.1	N/A

### 7-Hydroxymitragynine Limit (0.04%)

Method Code: 813

Tested: 18MAY2026 | 1919

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	327	ppm	74	PASS

## Unit Weight Analysis (Gravimetric)

Method Code: T503

Tested: 18MAY2026 | 1657

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.167	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: ae8bd19b-ff76-4c4d-a88f-1bdf7432e5bf  
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:****Name:**

Tyler West

**Position:**

Laboratory Director

**Department:**

Management

**Date:**

19MAY2026