



# 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:** 50 ct calm  
**Lot Number:** B11116  
**Description:** Hard-shell capsule  
**Condition:** Good  
**Job ID:** ISO06474  
**Sample ID:** I18085  
**Received:** 05MAR2026  
**Completed:** 05MAR2026  
**Issued:** 06MAR2026

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 05MAR2026 | 1733

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	4.11	mg/unit	0.028	N/A
7-Hydroxymitragynine	Report Results	0.0376	mg/unit	0.0075	N/A
Paynantheine	Report Results	0.897	mg/unit	0.028	N/A
Speciogynine	Report Results	0.699	mg/unit	0.028	N/A
Speciociliatine	Report Results	1.66	mg/unit	0.028	N/A
Total Mitragyna Alkaloids	Report Results	7.40	mg/unit	0.028	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 05MAR2026 | 1733

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.811	w/w%	0.0055	N/A
7-Hydroxymitragynine	Report Results	0.00741	w/w%	0.0015	N/A
Paynantheine	Report Results	0.177	w/w%	0.0055	N/A
Speciogynine	Report Results	0.138	w/w%	0.0055	N/A
Speciociliatine	Report Results	0.327	w/w%	0.0055	N/A
Total Mitragyna Alkaloids	Report Results	1.46	w/w%	0.0055	N/A

### Loss on Drying

Method Code: T505

Tested: 05MAR2026 | 1642

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Loss on Drying	Report Results	6.14	%	0.1	N/A

### 7-Hydroxymitragynine Limit (0.04%)

Method Code: 813

Tested: 05MAR2026 | 1733

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	79	ppm	16	PASS

## Additional Report Notes

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T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.423 grams. For potency analysis, the outer capsule shell was removed and not included in the w/w% potency or unit weight analysis. 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).

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## Revision History

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Report ID: 4c5dc0a9-d691-418c-aa85-2730547bfede  
rev 00 - Initial release.

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## Abbreviations

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**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:

**Signature:**

*Tyler West*

**Position:**

Laboratory Director

**Department:**

Management

**Name:**

Tyler West

**Date:**

06MAR2026