



# 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:** Calm 2000ct  
**Lot Number:** 10995  
**Description:** Hard-shell capsule  
**Condition:** Good  
**Job ID:** ISO06141  
**Sample ID:** I17163  
**Received:** 02FEB2026  
**Completed:** 03FEB2026  
**Issued:** 03FEB2026

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 03FEB2026 | 0056

| PARAMETER                 | SPECIFICATION  | RESULT | UNIT    | LOQ    | NOTES |
|---------------------------|----------------|--------|---------|--------|-------|
| Mitragynine               | Report Results | 3.89   | mg/unit | 0.026  | N/A   |
| 7-Hydroxymitragynine      | Report Results | 0.0108 | mg/unit | 0.0034 | N/A   |
| Paynantheine              | Report Results | 0.838  | mg/unit | 0.026  | N/A   |
| Speciogynine              | Report Results | 0.669  | mg/unit | 0.026  | N/A   |
| Speciociliatine           | Report Results | 1.56   | mg/unit | 0.026  | N/A   |
| Total Mitragyna Alkaloids | Report Results | 6.97   | mg/unit | 0.026  | N/A   |

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 03FEB2026 | 0056

| PARAMETER                 | SPECIFICATION  | RESULT  | UNIT | LOQ     | NOTES |
|---------------------------|----------------|---------|------|---------|-------|
| Mitragynine               | Report Results | 0.793   | w/w% | 0.0053  | N/A   |
| 7-Hydroxymitragynine      | Report Results | 0.00221 | w/w% | 0.00070 | N/A   |
| Paynantheine              | Report Results | 0.171   | w/w% | 0.0053  | N/A   |
| Speciogynine              | Report Results | 0.136   | w/w% | 0.0053  | N/A   |
| Speciociliatine           | Report Results | 0.319   | w/w% | 0.0053  | N/A   |
| Total Mitragyna Alkaloids | Report Results | 1.42    | w/w% | 0.0053  | N/A   |

### Moisture Content

Method Code: T505

Tested: 03FEB2026 | 0841

| PARAMETER | SPECIFICATION  | RESULT | UNIT | LOQ | NOTES |
|-----------|----------------|--------|------|-----|-------|
| Moisture  | Report Results | 6.11   | %    | 0.1 | N/A   |

### 7-Hydroxymitragynine Limit (0.04%)

Method Code: 813

Tested: 03FEB2026 | 0841

| PARAMETER            | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|----------------------|---------------|--------|------|-----|-------|
| 7-Hydroxymitragynine | NMT 400 PPM   | 24     | ppm  | 7   | PASS  |

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## Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.491 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:  
 $DWB\ w/w\% = (as\text{-}received\ w/w\%) \div (1 - moisture\%/100).$

## 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:

|                   |                                                                                     |                    |                     |
|-------------------|-------------------------------------------------------------------------------------|--------------------|---------------------|
| <b>Signature:</b> |  | <b>Position:</b>   | Laboratory Director |
| <b>Name:</b>      | Tyler West                                                                          | <b>Department:</b> | Management          |
|                   |                                                                                     | <b>Date:</b>       | 03FEB2026           |