# Certificate of Analysis


Testing Facility

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## Sample Information

**Job ID:** ISO08535
**Sample ID:** I23888
**Received:** 05NOV2026
**Completed:** 07NOV2026
**Report Date:** 09NOV2026

## Test Results

**Mitragyna Alkaloids (UHPLC-DAD)** **Method Code: T102** **Tested: 07NOV2026 | 0320**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | MDL |
|---|---|---|---|---|---|
| Mitragynine | Report Results | 19.9 | mg/unit | 0.077 | 0.023 |
| 7-Hydroxymitragynine | Report Results | 0.247 | mg/unit | 0.077 | 0.023 |
| Mitraciliatine | Report Results | 0.133 | mg/unit | 0.077 | 0.023 |
| Speciociliatine | Report Results | 1.53 | mg/unit | 0.077 | 0.023 |
| Speciogynine | Report Results | 2.04 | mg/unit | 0.077 | 0.023 |
| Paynantheine | Report Results | 3.54 | mg/unit | 0.077 | 0.023 |
| Coryantheidine | Report Results | 0.322 | mg/unit | 0.077 | 0.023 |
| Corynoxine | Report Results | 0.846 | mg/unit | 0.077 | 0.023 |
| Isorhynchophylline | Report Results | 0.125 | mg/unit | 0.077 | 0.023 |
| Component Sum | Report Results | 28.7 | mg/unit | 0.077 | 0.023 |

**Mitragyna Alkaloids (UHPLC-DAD)** **Method Code: T102** **Tested: 07NOV2026 | 0320**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | MDL |
|---|---|---|---|---|---|
| Mitragynine | Report Results | 46.7 | mg/g | 0.18 | 0.054 |
| 7-Hydroxymitragynine | Report Results | 0.580 | mg/g | 0.18 | 0.054 |
| Mitraciliatine | Report Results | 0.312 | mg/g | 0.18 | 0.054 |
| Speciociliatine | Report Results | 3.58 | mg/g | 0.18 | 0.054 |
| Speciogynine | Report Results | 4.78 | mg/g | 0.18 | 0.054 |
| Paynantheine | Report Results | 8.32 | mg/g | 0.18 | 0.054 |
| Coryantheidine | Report Results | 0.755 | mg/g | 0.18 | 0.054 |
| Corynoxine | Report Results | 1.99 | mg/g | 0.18 | 0.054 |
| Isorhynchophylline | Report Results | 0.293 | mg/g | 0.18 | 0.054 |

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | MDL |
|---|---|---|---|---|---|
| Component Sum | Report Results | 67.3 | mg/g | 0.18 | 0.054 |

**Unit Weight Analysis (Gravimetric)** **Method Code: T503** **Tested: 06NOV2026 | 1537**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Unit Weight | Report Results | 0.426 | grams | 0.05 | N/A |

## Additional Report Notes

T102E result, LOQ and unit converted from mg/g to mg/unit using a laboratory measured unit weight.

## Revision History

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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:** Tyler West

**Name:** Tyler West

**Position:** Laboratory Director

**Department:** Management

**Date:** 09NOV2026