

Certificate of Analysis



Customer Information

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| Trade-Sensitive Information |
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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: 05152506
Lot Number: 051525
Description: Finely ground plant material
Condition: Good
Job ID: ISO04013
Sample ID: I10515
Received: 19MAY2025
Completed: 23MAY2025
Issued: 27MAY2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 23MAY2025 | 2107

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---------------------------|----------------|---------|------|--------|-------|
| Mitragynine | Report Results | 1.41 | w/w% | 0.0028 | N/A |
| 7-Hydroxymitragynine | Report Results | 0.00931 | w/w% | 0.0028 | N/A |
| Paynantheine | Report Results | 0.265 | w/w% | 0.0028 | N/A |
| Speciogynine | Report Results | 0.201 | w/w% | 0.0028 | N/A |
| Speciociliatine | Report Results | 0.361 | w/w% | 0.0028 | N/A |
| Total Mitragyna Alkaloids | Report Results | 2.24 | w/w% | 0.0028 | N/A |

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 22MAY2025 | 1030

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|-----------|---------------|--------|------|-------|-------|
| Arsenic | NMT 2.00 | 0.057 | ug/g | 0.006 | PASS |
| Cadmium | NMT 0.50 | 0.032 | ug/g | 0.002 | PASS |
| Mercury | NMT 0.20 | <LOQ | ug/g | 0.002 | PASS |
| Lead | NMT 5.00 | 0.653 | ug/g | 0.002 | PASS |

Microbiological Examination

Method Code: T005

Tested: 20MAY2025 | 1722

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---------------------------|----------------------|--------------|------|--------------|-------|
| Total Aerobic Plate Count | 10,000,000 CFU / g | 1,007 | N/A | 20 CFU / g | PASS |
| Total Yeast and Mold | 100,000 CFU / g | Not Detected | N/A | 20 CFU / g | PASS |
| Total Coliforms | 10,000 CFU / g | Not Detected | N/A | 20 CFU / g | PASS |
| Escherichia coli | Not Detected in 10 g | Not Detected | N/A | 1 CFU / 10 g | PASS |
| Salmonella | Not Detected in 25 g | Not Detected | N/A | 1 CFU / 25 g | PASS |

Additional Report Notes

N/A

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:

Signature:



Position:

Laboratory Director

Department:

Management

Name:

Tyler West

Date:

27MAY2025