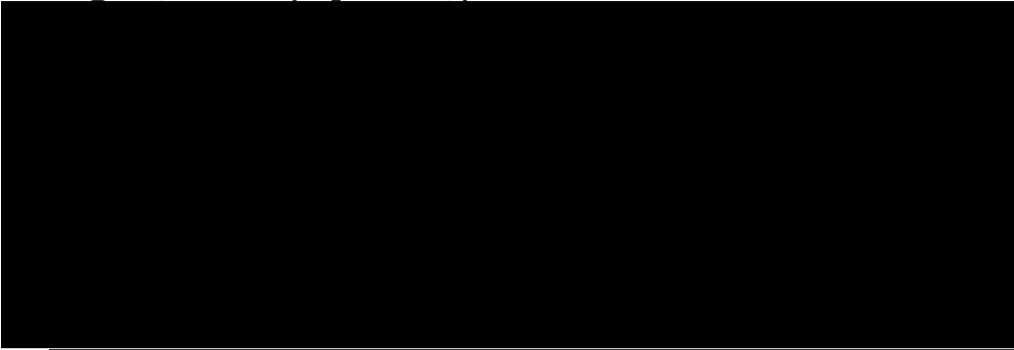




# Certificate of Analysis



## 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:** 12042507  
**Lot Number:** 120425  
**Description:** Finely ground plant material  
**Condition:** Good  
**Job ID:** ISO05747  
**Sample ID:** I15930  
**Received:** 11DEC2025  
**Completed:** 18DEC2025  
**Issued:** 18DEC2025

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 18DEC2025 | 0057

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.35	w/w%	0.0053	N/A
7-Hydroxymitragynine	Report Results	0.0182	w/w%	0.0014	N/A
Paynantheine	Report Results	0.258	w/w%	0.0053	N/A
Speciogynine	Report Results	0.196	w/w%	0.0053	N/A
Speciociliatine	Report Results	0.395	w/w%	0.0053	N/A
Total Mitragyna Alkaloids	Report Results	2.22	w/w%	0.0053	N/A

### Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 16DEC2025 | 1250

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.282	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.110	ug/g	0.002	PASS
Mercury	NMT 0.20	0.010	ug/g	0.002	PASS
Lead	NMT 5.00	0.573	ug/g	0.002	PASS

### Microbiological Examination

Method Code: T005

Tested: 15DEC2025 | 1114

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	850	CFU/g	20 CFU/g	PASS
Total Yeast and Mold	NMT 100,000 CFU/g	120	CFU/g	20 CFU/g	PASS
Total Coliforms	NMT 10,000 CFU/g	<LOQ	CFU/g	20 CFU/g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU/10g	PASS
Salmonella spp.	Not Detected in 25 g	Not Detected	N/A	1 CFU/25g	PASS

## Additional Report Notes

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N/A

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## Revision History

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Report ID: 42070d20-5f84-4541-a279-0a2297f051ba  
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:**

18DEC2025