

Certificate of Analysis



Customer Information

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:	05152503
Lot Number:	051525
Description:	Finely ground plant material
Condition:	Good
Job ID:	ISO04013
Sample ID:	I10512
Received:	19MAY2025
Completed:	23MAY2025
Issued:	27MAY2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)	Method Code: T102	Tested: 23MAY2025 1948
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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.39	w/w%	0.0028	N/A
7-Hydroxymitragynine	Report Results	0.00686	w/w%	0.0028	N/A
Paynantheine	Report Results	0.258	w/w%	0.0028	N/A
Speciogynine	Report Results	0.197	w/w%	0.0028	N/A
Speciociliatine	Report Results	0.365	w/w%	0.0028	N/A
Total Mitragyna Alkaloids	Report Results	2.22	w/w%	0.0028	N/A

Elemental Impurities (ICP-MS)	Method Code: T301	Tested: 22MAY2025 1007
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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.153	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.022	ug/g	0.002	PASS
Mercury	NMT 0.20	<LOQ	ug/g	0.002	PASS
Lead	NMT 5.00	0.544	ug/g	0.002	PASS

Microbiological Examination	Method Code: T005	Tested: 20MAY2025 1722
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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	160	CFU/g	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	Not Detected	CFU/g	20 CFU / g	PASS
Total Coliforms	10,000 CFU / g	Not Detected	CFU/g	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

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Additional Report Notes

N/A

Revision History

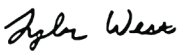
rev 00 - Initial release.

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