



Certificate of Analysis



Testing Facility

Lab: Cora Science, LLC
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Sample Image(s)



Sample Information

Name: 12042508
Lot Number: 120425
Description: Finely ground plant material
Condition: Good
Job ID: ISO05747
Sample ID: I15931
Received: 11DEC2025
Completed: 18DEC2025
Issued: 18DEC2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 18DEC2025 0124		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	1.40	w/w%	0.0052	N/A	
7-Hydroxymitragynine	Report Results	0.0159	w/w%	0.0014	N/A	
Paynantheine	Report Results	0.263	w/w%	0.0052	N/A	
Speciogynine	Report Results	0.201	w/w%	0.0052	N/A	
Speciociliatine	Report Results	0.415	w/w%	0.0052	N/A	
Total Mitragyna Alkaloids	Report Results	2.30	w/w%	0.0052	N/A	

Elemental Impurities (ICP-MS)		Method Code: T301		Tested: 17DEC2025 1219		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Arsenic	NMT 2.00	0.369	ug/g	0.006	PASS	
Cadmium	NMT 0.50	0.014	ug/g	0.002	PASS	
Mercury	NMT 0.20	0.016	ug/g	0.002	PASS	
Lead	NMT 5.00	0.835	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	953	CFU/g	20 CFU/g	PASS	
Total Yeast and Mold	NMT 100,000 CFU/g	60	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

N/A

Revision History

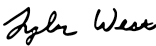
Report ID: 00efa1d6-96b1-4356-874a-3169f1805c18
rev 00 - Initial release.

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
Name:	Tyler West	Department:	Management
		Date:	18DEC2025