



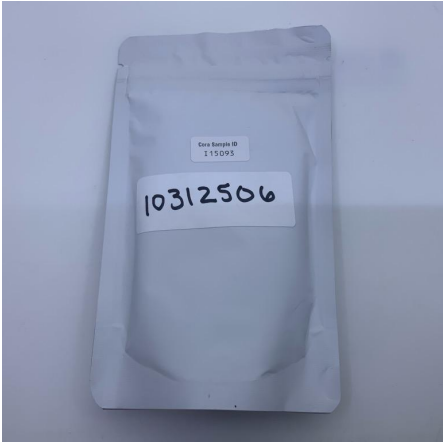
Certificate of Analysis



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: 10312506
Lot Number: 103125
Description: Finely ground plant material
Condition: Good
Job ID: ISO05443
Sample ID: I15093
Received: 04NOV2025
Completed: 08NOV2025
Issued: 10NOV2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 08NOV2025 1801		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	1.46	w/w%	0.0053	N/A	
7-Hydroxymitragynine	Report Results	0.00531	w/w%	0.0014	N/A	
Paynantheine	Report Results	0.275	w/w%	0.0053	N/A	
Speciogynine	Report Results	0.209	w/w%	0.0053	N/A	
Speciociliatine	Report Results	0.412	w/w%	0.0053	N/A	
Total Mitragyna Alkaloids	Report Results	2.36	w/w%	0.0053	N/A	

Elemental Impurities (ICP-MS)		Method Code: T301		Tested: 07NOV2025 1241		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Arsenic	NMT 2.00	0.303	ug/g	0.006	PASS	
Cadmium	NMT 0.50	0.006	ug/g	0.002	PASS	
Mercury	NMT 0.20	0.018	ug/g	0.002	PASS	
Lead	NMT 5.00	0.352	ug/g	0.002	PASS	

Microbiological Examination		Method Code: T005		Tested: 05NOV2025 0946		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	1,640	CFU/g	20 CFU/g	PASS	
Total Yeast and Mold	NMT 100,000 CFU/g	40	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

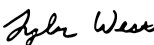
rev 00 - Initial release.

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:	10NOV2025