



Certificate of Analysis

Testing Facility

Lab: Cora Science, LLC
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Sample Image(s)



Sample Information

Name: 03122602
Lot Number: 031226
Description: Finely ground plant material
Condition: Good
Job ID: ISO06619
Sample ID: I18498
Received: 20MAR2026
Completed: 25MAR2026
Issued: 27MAR2026

Test Results

Microbial Examination

Method Code: T005

Tested: 25MAR2026 | 1436

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	340	CFU/g	20 CFU/g	PASS
Total Yeast and Mold	NMT 100,000 CFU/g	20	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	Detected	N/A	1 CFU/10g	FAIL
Salmonella spp.	Not Detected in 25 g	Detected	N/A	1 CFU/25g	FAIL

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 24MAR2026 | 1025

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.093	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.017	ug/g	0.002	PASS
Mercury	NMT 0.20	0.017	ug/g	0.002	PASS
Lead	NMT 5.00	0.612	ug/g	0.002	PASS

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 25MAR2026 | 1107

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.58	w/w%	0.0058	N/A
7-Hydroxymitragynine	Report Results	0.00220	w/w%	0.00077	N/A
Paynantheine	Report Results	0.292	w/w%	0.0058	N/A
Speciogynine	Report Results	0.226	w/w%	0.0058	N/A
Speciociliatine	Report Results	0.368	w/w%	0.0058	N/A
Total Mitragyna Alkaloids	Report Results	2.47	w/w%	0.0058	N/A

Additional Report Notes

N/A

Revision History

Report ID: c202d17f-c2b6-441e-94cb-c4069eabaf3d
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:

Tyler West

Position:

Laboratory Director

Department:

Management

Name:

Tyler West

Date:

27MAR2026