

Certificate of Analysis



Customer Information

Client: Evolution Distro
Attention: (407) 342-1669
Address: 226 NW 4th Avenue
 Hallandale Beach, FL 33009

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: 02.24-LIQ
Lot Number: #0918 EXTRACT
Description: Liquid botanical extract
Condition: Good
Job ID: ISO03418
Sample ID: I08769
Received: 25FEB2025
Completed: 27FEB2025
Issued: 27FEB2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 26FEB2025 | 2204

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	13.4	mg/mL	0.01	N/A ✓
7-Hydroxymitragynine	Report Results	0.027	mg/mL	0.01	N/A
Paynantheine	Report Results	1.84	mg/mL	0.01	N/A
Speciogynine	Report Results	1.29	mg/mL	0.01	N/A
Speciociliatine	Report Results	1.51	mg/mL	0.01	N/A
Total Mitragyna Alkaloids	Report Results	18.0	mg/mL	0.01	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 26FEB2025 | 2204

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.25	w/w%	0.001	N/A
7-Hydroxymitragynine	Report Results	0.002	w/w%	0.001	N/A
Paynantheine	Report Results	0.172	w/w%	0.001	N/A
Speciogynine	Report Results	0.121	w/w%	0.001	N/A
Speciociliatine	Report Results	0.141	w/w%	0.001	N/A
Total Mitragyna Alkaloids	Report Results	1.68	w/w%	0.001	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 26FEB2025 | 1232

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.50	0.011	ug/g	0.006	PASS ✓
Cadmium	NMT 0.50	0.002	ug/g	0.002	PASS ✓
Mercury	NMT 0.20	0.020	ug/g	0.002	PASS ✓
Lead	NMT 0.50	0.053	ug/g	0.002	PASS ✓

Microbiological Examination

Method Code: T005

Tested: 25FEB2025 | 1211

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS ✓
Total Yeast and Mold	100,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS ✓
Total Coliforms	10,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS ✓
Escherichia coli	Not Detected in 1 g	Not Detected	N/A	1 CFU / 1 g	PASS ✓
Salmonella	Not Detected in 1 g	Not Detected	N/A	1 CFU / 1 g	PASS ✓

pH (Acidified Food)

Method Code: T402

Tested: 27FEB2025 | 0833

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
pH	Report Results	6.30	N/A	2 - 12	N/A ✓

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.072 g/mL.

OM:
26
02/27/25

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:

Tyler West

Position:

Laboratory Director

Department:

Management

Name:

Tyler West

Date:

27FEB2025