Certificate of Analysis

Customer Information

Client: Industrial Sonomechanics LLC
Attention: contact@sonomechanics.com
Address: 7440 SW 50th Terrace, Suite #109
Miami, FL 33155

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: MitraClear
Lot Number: MS23
Description: Powder botanical extract
Condition: Good
Job ID: ISO08424
Sample ID: I23541
Received: 21OCT2026
Completed: 28OCT2026
Report Date: 28OCT2026

Test Results

Mitragynine Derivatives [UHPLC-MS] **Method Code: T191** **Tested: 28OCT2026 | 1505**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
7-hydroxymitragynine	Report Results	<LOQ (3.52)	ug/g	4.6	1.5
9-hydroxycorynantheidine	Report Results	54.7	ug/g	4.6	1.5
Mitragynine Pseudoindoxyl	Report Results	9.01	ug/g	4.6	1.5
7-acetoxymitragynine	Report Results	ND	ug/g	4.6	1.5
Dihydro-7-hydroxymitragynine (MGM-15)	Report Results	ND	ug/g	4.6	1.5
10-fluoro-dihydro-7-hydroxymitragynine (MGM-16)	Report Results	ND	ug/g	4.6	1.5
Component Sum	Report Results	67.2	ug/g	4.6	1.5

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 26OCT2026 | 2023**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
Mitragynine	Report Results	111	mg/g	2.2	0.84
Paynantheine	Report Results	12.1	mg/g	2.2	0.84
Speciogynine	Report Results	7.69	mg/g	2.2	0.84
Speciociliatine	Report Results	3.10	mg/g	2.2	0.84
Component Sum	Report Results	134	mg/g	2.2	0.84

Florida Kratom Compliance — 2ER26-2 / 5KER26-11 **Method Code: T102/T191** **Tested: 28OCT2026 | 1736**

PARAMETER	SPECIFICATION	RESULT	UNIT	MDL/LOD	NOTES
Mitragynine Concentration	Report Results	111	mg/g	N/A	N/A
Mitragynine per Labeled Package	Report Results	666	mg/package	N/A	N/A
7-Hydroxymitragynine Label Concentration	Report Results	0.00352	mg/g	0.0015	N/A

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PARAMETER	SPECIFICATION	RESULT	UNIT	MDL/LOD	NOTES
7-Acetoxymitragynine	Not Detected	ND	mg/g	0.0015	PASS
Dihydro-7-hydroxymitragynine (MGM-15)	Not Detected	ND	mg/g	0.0015	PASS
9-Fluoro-7-hydroxymitragynine (MGM-16)	Not Detected	ND	mg/g	0.0015	PASS
7-Hydroxymitragynine Limit	NMT 1.00	0.00352	mg/g	N/A	PASS
Mitragynine-to-7OH Ratio	NLT 100:1	31534:1	N/A	N/A	PASS
Alkaloid Ratio Declaration	Report Results	666:0	mg:mg	N/A	N/A

Additional Report Notes

N/A

Revision History

Report ID: aa8f18ab-a055-563a-92e5-69f3e0f95dec
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

Name: Tyler West

Position: Laboratory Director

Department: Management

Date: 28OCT2026

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