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:	MitraFizz
Lot Number:	MS23
Description:	Pressed Tablet
Condition:	Good
Job ID:	ISO08424
Sample ID:	I23542
Received:	21OCT2026
Completed:	28OCT2026
Report Date:	28OCT2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 28OCT2026 | 0512**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
Mitragynine	Report Results	42.2	mg/unit	0.57	0.21
Paynantheine	Report Results	4.63	mg/unit	0.57	0.21
Speciogynine	Report Results	3.00	mg/unit	0.57	0.21
Speciociliatine	Report Results	1.19	mg/unit	0.57	0.21
Component Sum	Report Results	51.0	mg/unit	0.57	0.21

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 28OCT2026 | 0512**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
Mitragynine	Report Results	10.7	mg/g	0.14	0.054
Paynantheine	Report Results	1.17	mg/g	0.14	0.054
Speciogynine	Report Results	0.759	mg/g	0.14	0.054
Speciociliatine	Report Results	0.301	mg/g	0.14	0.054
Component Sum	Report Results	12.9	mg/g	0.14	0.054

Mitragynine Derivatives [UHPLC-MS] **Method Code: T191** **Tested: 28OCT2026 | 0947**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
7-hydroxymitragynine	Report Results	ND	ug/g	5.9	2.0
9-hydroxycorynantheidine	Report Results	5.95	ug/g	5.9	2.0
Mitragynine Pseudoindoxyl	Report Results	ND	ug/g	5.9	2.0
7-acetoxymitragynine	Report Results	ND	ug/g	5.9	2.0
Dihydro-7-hydroxymitragynine (MGM-15)	Report Results	ND	ug/g	5.9	2.0

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
10-fluoro-dihydro-7-hydroxymitragynine (MGM-16)	Report Results	ND	ug/g	5.9	2.0
Component Sum	Report Results	5.95	ug/g	5.9	2.0

Unit Weight Analysis (Gravimetric) **Method Code: T503** **Tested: 22OCT2026 | 2204**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Unit Weight	Report Results	3.954	grams	0.05	N/A

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	10.7	mg/g	N/A	N/A
Mitragynine per Labeled Package	Report Results	42.2	mg/package	N/A	N/A
7-Hydroxymitragynine Label Concentration	Report Results	0.002	mg/g	0.002	N/A
7-Acetoxymitragynine	Not Detected	ND	mg/g	0.002	PASS
Dihydro-7-hydroxymitragynine (MGM-15)	Not Detected	ND	mg/g	0.002	PASS
9-Fluoro-7-hydroxymitragynine (MGM-16)	Not Detected	ND	mg/g	0.002	PASS
7-Hydroxymitragynine Limit	NMT 1.00	0.002	mg/g	N/A	PASS
Mitragynine-to-7OH Ratio	NLT 100:1	5350:1	N/A	N/A	PASS
Alkaloid Ratio Declaration	Report Results	42:0	mg:mg	N/A	N/A

Additional Report Notes

T102 result, LOQ and unit converted from mg/g to mg/unit using a laboratory measured unit weight.

Revision History

Report ID: 4e01192f-4d06-5c43-a207-bb72dcbc78bf
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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