



# 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:** MS20-F  
**Description:** Quick dissolve tablet  
**Condition:** Good  
**Job ID:** ISO05251  
**Sample ID:** I14506  
**Received:** 14OCT2025  
**Completed:** 21OCT2025  
**Issued:** 24OCT2025

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 21OCT2025 | 1652

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	9.47	mg/g	0.052	N/A
7-Hydroxymitragynine	Report Results	0.0192	mg/g	0.0069	N/A
Paynantheine	Report Results	0.717	mg/g	0.052	N/A
Speciogynine	Report Results	0.558	mg/g	0.052	N/A
Speciociliatine	Report Results	1.12	mg/g	0.052	N/A
Total Mitragyna Alkaloids	Report Results	11.9	mg/g	0.052	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 21OCT2025 | 1652

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	35.8	mg/unit	0.20	N/A
7-Hydroxymitragynine	Report Results	0.0725	mg/unit	0.026	N/A
Paynantheine	Report Results	2.71	mg/unit	0.20	N/A
Speciogynine	Report Results	2.11	mg/unit	0.20	N/A
Speciociliatine	Report Results	4.22	mg/unit	0.20	N/A
Total Mitragyna Alkaloids	Report Results	44.9	mg/unit	0.20	N/A

### Moisture Content

Method Code: T505

Tested: 16OCT2025 | 1532

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Moisture	Report Results	5.68	%	0.1	N/A

### 7-Hydroxymitragynine Limit (0.04%)

Method Code: 813

Tested: 21OCT2025 | 1652

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	20	ppm	7	PASS

## Additional Report Notes

---

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 3.782 grams. T813 results are reported on a dry-weight basis (DWB). Reported values converted from T102/T102E results using the laboratory-measured moisture content by T505 for each sample:

DWB w/w% = (as-received w/w%) ÷ (1 – moisture%/100).

---

## 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:**

24OCT2025