



# Certificate of Analysis

## Customer Information

**Client:** Rightful Ventures Inc  
**Attention:** (704) 605-8015  
**Address:** 172 Williamson Rd, #4131  
Mooresville, NC 28117

## 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:** 7-Hydroxymitragynine Tablet  
**Lot Number:** 100  
**Description:** Pressed Tablet  
**Condition:** Good  
**Job ID:** ISO04502  
**Sample ID:** I12299  
**Received:** 21JUL2025  
**Completed:** 23JUL2025  
**Issued:** 29JUL2025

## Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 23JUL2025   2246	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.178	mg/unit	0.018	N/A
7-Hydroxymitragynine	Report Results	15.4	mg/unit	0.018	N/A
Paynantheine	Report Results	<LOQ	mg/unit	0.018	N/A
Speciogynine	Report Results	<LOQ	mg/unit	0.018	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	0.018	N/A
Total Mitragyna Alkaloids	Report Results	15.6	mg/unit	0.018	N/A

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 23JUL2025   2246	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.0273	w/w%	0.0028	N/A
7-Hydroxymitragynine	Report Results	2.36	w/w%	0.0028	N/A
Paynantheine	Report Results	<LOQ	w/w%	0.0028	N/A
Speciogynine	Report Results	<LOQ	w/w%	0.0028	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.0028	N/A
Total Mitragyna Alkaloids	Report Results	2.39	w/w%	0.0028	N/A

## Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.652 grams.

## Revision History

# 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:

<b>Signature:</b>		<b>Position:</b>	Laboratory Director
		<b>Department:</b>	Management
<b>Name:</b>	Tyler West	<b>Date:</b>	29JUL2025