

# Certificate of Analysis



## CUSTOMER INFORMATION

Client Name: Plant Specimen Supply  
 Attention: Mark Thompson  
 Address: 3161 Major St #205  
 Fort Worth, TX 76112  
 Phone Number: (817) 401-4292

## TESTING FACILITY

**Cora Science, LLC**  
 8000 Anderson Square, STE 113  
 Austin, Texas 78757  
 (512) 856-5007  
 info@corascience.com

## SAMPLE IMAGE(S)



## JOB / SAMPLE INFORMATION

Received: 12 JUL 2023  
 Condition: Good  
 Job ID: ISO01320  
 Sample ID: I02020  
 Sample Name: Liquid Extract  
 Lot FL062123MD9.9  
 Description: Liquid botanical extract  
 Completed: 13 JUL 2023  
 Issued: 14 JUL 2023

## TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested:	13JUL2023   1611
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.815	w/w%	0.018	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.018	N/A
Paynantheine	Report Results	0.158	w/w%	0.018	N/A
Speciogynine	Report Results	0.156	w/w%	0.018	N/A
Speciociliatine	Report Results	0.225	w/w%	0.018	N/A
Total Mitragyna Alkaloids	Report Results	1.35	w/w%	0.018	N/A

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested:	13JUL2023   1611
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	9.02	mg/mL	0.20	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/mL	0.20	N/A
Paynantheine	Report Results	1.75	mg/mL	0.20	N/A
Speciogynine	Report Results	1.73	mg/mL	0.20	N/A
Speciociliatine	Report Results	2.49	mg/mL	0.20	N/A
Total Mitragyna Alkaloids	Report Results	15.0	mg/mL	0.20	N/A

## ADDITIONAL REPORT NOTES

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.107 g/mL.

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REVISION HISTORY

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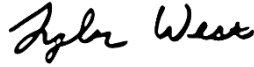
rev00 Initial release.

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This report has been authorized for release from Cora Science by:

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Signature:



Department:

Management

Name:

Tyler West, Laboratory Director

Date:

14 JUL 2023

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ABBREVIATIONS

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**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