

# 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:** 17 JAN 2023  
**Condition:** Good  
**Job ID:** ISO01120  
**Sample ID:** I01302  
**Sample Name:** Liquid Extract  
 Lot FL010623BA09  
**Description:** Liquid botanical extract  
**Completed:** 19 JAN 2023  
**Issued:** 20 JAN 2023

## TEST RESULT(S)

<b>Mitragyna Alkaloids Assay (UHPLC-DAD)</b>		<b>Method Code:</b>	<b>T102</b>	<b>Tested:</b>	<b>19JAN2023</b>	<b>I 0953</b>
<b>PARAMETER</b>	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNIT</b>	<b>LOQ</b>	<b>NOTES</b>	
Mitragynine	Report Results	0.696	w/w%	0.027	N/A	
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.027	N/A	
Paynantheine	Report Results	0.146	w/w%	0.027	N/A	
Speciogynine	Report Results	0.101	w/w%	0.027	N/A	
Speciociliatine	Report Results	0.238	w/w%	0.027	N/A	
<i>Total Mitragyna Alkaloids</i>	Report Results	1.180	w/w%	0.027	N/A	

<b>Mitragyna Alkaloids Assay (UHPLC-DAD)</b>		<b>Method Code:</b>	<b>T102</b>	<b>Tested:</b>	<b>19JAN2023</b>	<b>I 0953</b>
<b>PARAMETER</b>	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNIT</b>	<b>LOQ</b>	<b>NOTES</b>	
Mitragynine	Report Results	7.696	mg/mL	0.29	N/A	
7-Hydroxymitragynine	Report Results	<LOQ	mg/mL	0.29	N/A	
Paynantheine	Report Results	1.610	mg/mL	0.29	N/A	
Speciogynine	Report Results	1.118	mg/mL	0.29	N/A	
Speciociliatine	Report Results	2.626	mg/mL	0.29	N/A	
<i>Total Mitragyna Alkaloids</i>	Report Results	13.05	mg/mL	0.29	N/A	

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**ADDITIONAL REPORT NOTES**

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T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.104 g/mL

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**REVISION HISTORY**

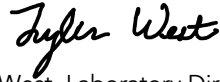
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rev00 Initial release.

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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:**

20 JAN 2023

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**ABBREVIATIONS**

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**ID:** identification, **N/A:** not applicable, **LOQ:** limit of quantitation, **CFU:** colony forming units, **mg:** milligrams, **g:** grams, **ug:** micrograms, **mL:** milliliters, **ND:** not detected, **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