

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
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SAMPLE IMAGE(S)



JOB / SAMPLE INFORMATION

Received: 29 JUN 2023
 Condition: Good
 Job ID: ISO01300
 Sample ID: I01932
 Sample Name: Liquid Extract
 Lot RL062623MD-Reserve
 Description: Liquid botanical extract
 Completed: 30 JUN 2023
 Issued: 05 JUL 2023

TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested:	30JUN2023 0452
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.02	w/w%	0.019	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.019	N/A
Paynantheine	Report Results	0.236	w/w%	0.019	N/A
Speciogynine	Report Results	0.205	w/w%	0.019	N/A
Speciociliatine	Report Results	0.304	w/w%	0.019	N/A
Total Mitragyna Alkaloids	Report Results	1.76	w/w%	0.019	N/A

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested:	30JUN2023 0452
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	11.3	mg/mL	0.21	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/mL	0.21	N/A
Paynantheine	Report Results	2.62	mg/mL	0.21	N/A
Speciogynine	Report Results	2.27	mg/mL	0.21	N/A
Speciociliatine	Report Results	3.38	mg/mL	0.21	N/A
Total Mitragyna Alkaloids	Report Results	19.6	mg/mL	0.21	N/A

ADDITIONAL REPORT NOTES

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.110 g/mL.

REVISION HISTORY

rev00 Initial release.

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

Signature:**Department:**

Management

Name:

Tyler West, Laboratory Director

Date:

05 JUL 2023

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