



Certificate of Analysis

Customer Information

Client: Steding and Sons Mercantile
Attention: (737) 895-2303
Address: 1501 Panther Loop #7A
 Pflugerville, TX 78660

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: Lazy Luau - SSLL00105
Lot Number: SSLL00105
Description: Liquid botanical extract
Condition: Good
Job ID: ISO07105
Sample ID: I19879
Received: 14MAY2026
Completed: 20MAY2026
Issued: 21MAY2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 20MAY2026 | 1249

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	38.9	mg/unit	0.45	N/A
7-Hydroxymitragynine	Report Results	0.107	mg/unit	0.060	N/A
Paynantheine	Report Results	<LOQ	mg/unit	0.45	N/A
Speciogynine	Report Results	<LOQ	mg/unit	0.45	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	0.45	N/A
Total Mitragyna Alkaloids	Report Results	39.0	mg/unit	0.45	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 20MAY2026 | 1249

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.127	w/w%	0.0015	N/A
7-Hydroxymitragynine	Report Results	0.000350	w/w%	0.00020	N/A
Paynantheine	Report Results	<LOQ	w/w%	0.0015	N/A
Speciogynine	Report Results	<LOQ	w/w%	0.0015	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.0015	N/A
Total Mitragyna Alkaloids	Report Results	0.128	w/w%	0.0015	N/A

Unit Weight Analysis (Gravimetric)

Method Code: T503

Tested: 18MAY2026 | 1343

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.019	g/mL	0.5-1.5	N/A

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density and package specified fill volume.

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Revision History

Report ID: 4d88ed13-a52b-4599-8fe8-b9a3946abf29
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:

21MAY2026