



Certificate of Analysis

Customer Information		Testing Facility	
Client:	Steding and Sons Mercantile	Lab:	Cora Science, LLC
Attention:	(737) 895-2303	Address	8000 Anderson Square, STE 113
Address:	1501 Panther Loop #7A		Austin, Texas 78757
	Pflugerville, TX 78660	Contact:	info@corascience.com
			(512) 856-5007

Sample Image(s)	Sample Information
	Name: Lazy Luau Lot Number: SLL00100 Description: Ready-to-drink botanical infused beverage Condition: Good Job ID: ISO04955 Sample ID: I13611 Received: 11SEP2025 Completed: 15SEP2025 Issued: 17SEP2025

Test Results

Kavalactones (UHPLC-DAD)		Method Code: T104		Tested: 13SEP2025 1156	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	43.8	mg/unit	0.91	N/A
Dihydrokavain	Report Results	88.9	mg/unit	0.91	N/A
Methysticin	Report Results	33.0	mg/unit	0.91	N/A
Dihydromethysticin	Report Results	50.6	mg/unit	0.91	N/A
Yangonin	Report Results	24.3	mg/unit	0.91	N/A
Desmethoxyyangonin	Report Results	22.5	mg/unit	0.91	N/A
Flavokawain A	Report Results	2.60	mg/unit	0.81	N/A
Flavokawain B	Report Results	5.35	mg/unit	0.81	N/A
Flavokawain C	Report Results	<LOQ	mg/unit	0.81	N/A
Total Kavalactones	Report Results	263	mg/unit	0.91	N/A

Kavalactones (UHPLC-DAD)		Method Code: T104		Tested: 13SEP2025 1156	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.144	w/w%	0.0030	N/A
Dihydrokavain	Report Results	0.292	w/w%	0.0030	N/A
Methysticin	Report Results	0.109	w/w%	0.0030	N/A
Dihydromethysticin	Report Results	0.166	w/w%	0.0030	N/A
Yangonin	Report Results	0.0799	w/w%	0.0030	N/A
Desmethoxyyangonin	Report Results	0.0737	w/w%	0.0030	N/A
Flavokawain A	Report Results	0.00853	w/w%	0.0027	N/A
Flavokawain B	Report Results	0.0176	w/w%	0.0027	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.0027	N/A
Total Kavalactones	Report Results	0.864	w/w%	0.0030	N/A

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Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 12SEP2025 2112	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	46.5	mg/unit	0.24	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.24	N/A
Paynantheine	Report Results	<LOQ	mg/unit	0.24	N/A
Speciogynine	Report Results	<LOQ	mg/unit	0.24	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	0.24	N/A
Total Mitragyna Alkaloids	Report Results	46.5	mg/unit	0.24	N/A

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 12SEP2025 2112	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.153	w/w%	0.00080	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.00080	N/A
Paynantheine	Report Results	<LOQ	w/w%	0.00080	N/A
Speciogynine	Report Results	<LOQ	w/w%	0.00080	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.00080	N/A
Total Mitragyna Alkaloids	Report Results	0.153	w/w%	0.00080	N/A

Elemental Impurities (ICP-MS)		Method Code: T301		Tested: 15SEP2025 1351	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.021	ug/g	0.006	PASS
Cadmium	NMT 0.82	0.023	ug/g	0.002	PASS
Mercury	NMT 0.40	0.012	ug/g	0.002	PASS
Lead	NMT 1.20	0.004	ug/g	0.002	PASS

Microbiological Examination		Method Code: T005		Tested: 11SEP2025 1218	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000 CFU/g	10	CFU/g	10 CFU/g	PASS
Total Yeast and Mold	NMT 1,000 CFU/g	<LOQ	CFU/g	10 CFU/g	PASS
Total Coliforms	NMT 100 CFU/g	<LOQ	CFU/g	10 CFU/g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU/10g	PASS
Salmonella spp.	Not Detected in 25 g	Not Detected	N/A	1 CFU/25g	PASS

Additional Report Notes

T102 and T104 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.015 g/mL and package specified fill volume of 60.0 mL.

Revision History

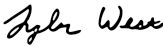
rev 00 - Initial release.

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:		Position:	Laboratory Director
Name:	Tyler West	Department:	Management
		Date:	17SEP2025