

Certificate of Analysis



Customer Information

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Austin, TX 78704

Testing Facility

**Lab:** Cora Science, LLC  
**Address** 8000 Anderson Square, STE 113  
Austin, Texas 78757  
**Contact:** info@corascience.com  
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Sample Image(s)



Sample Information

**Name:** Pink Sunset  
**Lot Number:** 06/17/2025  
**Description:** Ready-to-drink botanical infused beverage  
**Condition:** Good  
**Job ID:** ISO04272  
**Sample ID:** I11463  
**Received:** 19JUN2025  
**Completed:** 19JUN2025  
**Issued:** 20JUN2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 19JUN2025 | 1752

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	79.4	mg/unit	0.50	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.50	N/A
Mitragynine Pseudoindoxyl	Report Results	<LOQ	mg/unit	0.50	N/A
Mitraciliatine	Report Results	<LOQ	mg/unit	0.50	N/A
Speciociliatine	Report Results	7.60	mg/unit	0.50	N/A
Speciogynine	Report Results	7.23	mg/unit	0.50	N/A
Paynantheine	Report Results	10.1	mg/unit	0.50	N/A
Corynoxine	Report Results	<LOQ	mg/unit	0.50	N/A
Isorhynchophylline	Report Results	<LOQ	mg/unit	0.50	N/A
Mitraphylline	Report Results	<LOQ	mg/unit	0.50	N/A
Total Mitragyna Alkaloids	Report Results	104	mg/unit	0.50	N/A

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 19JUN2025 | 1752

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.123	w/w%	0.00077	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.00077	N/A
Mitragynine Pseudoindoxyl	Report Results	<LOQ	w/w%	0.00077	N/A
Mitraciliatine	Report Results	<LOQ	w/w%	0.00077	N/A
Speciociliatine	Report Results	0.0117	w/w%	0.00077	N/A
Speciogynine	Report Results	0.0111	w/w%	0.00077	N/A
Paynantheine	Report Results	0.0156	w/w%	0.00077	N/A
Corynoxine	Report Results	<LOQ	w/w%	0.00077	N/A
Isorhynchophylline	Report Results	<LOQ	w/w%	0.00077	N/A
Mitraphylline	Report Results	<LOQ	w/w%	0.00077	N/A
Total Mitragyna Alkaloids	Report Results	0.161	w/w%	0.00077	N/A

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Kavalactones (UHPLC-DAD)		Method Code: T104		Tested: 19JUN2025   2104	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	174	mg/unit	1.91	N/A
Dihydrokavain	Report Results	134	mg/unit	1.91	N/A
Methysticin	Report Results	51.9	mg/unit	1.91	N/A
Dihydromethysticin	Report Results	48.9	mg/unit	1.91	N/A
Yangonin	Report Results	67.4	mg/unit	1.91	N/A
Desmethoxyyangonin	Report Results	59.0	mg/unit	1.91	N/A
Flavokawain A	Report Results	6.75	mg/unit	1.69	N/A
Flavokawain B	Report Results	7.60	mg/unit	1.69	N/A
Flavokawain C	Report Results	<LOQ	mg/unit	1.69	N/A
Total Kavalactones	Report Results	536	mg/unit	1.91	N/A

Kavalactones (UHPLC-DAD)		Method Code: T104		Tested: 19JUN2025   2104	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.269	w/w%	0.0029	N/A
Dihydrokavain	Report Results	0.207	w/w%	0.0029	N/A
Methysticin	Report Results	0.0801	w/w%	0.0029	N/A
Dihydromethysticin	Report Results	0.0754	w/w%	0.0029	N/A
Yangonin	Report Results	0.104	w/w%	0.0029	N/A
Desmethoxyyangonin	Report Results	0.0909	w/w%	0.0029	N/A
Flavokawain A	Report Results	0.0104	w/w%	0.0026	N/A
Flavokawain B	Report Results	0.0117	w/w%	0.0026	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.0026	N/A
Total Kavalactones	Report Results	0.826	w/w%	0.0029	N/A

## Additional Report Notes

T102 and T104 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.081 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:

<b>Signature:</b>		<b>Position:</b>	Laboratory Director
		<b>Department:</b>	Management
<b>Name:</b>	Tyler West	<b>Date:</b>	20JUN2025