Certificate of Analysis

Customer Information

Client: Prof Whyte's Kratom
Attention: (954) 470-1891
Address: 7901 SW 6th Ct, Suite 250B
Plantation, FL 33324

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: Kava/Kratom Tropical Punch
Lot Number: 112544
Description: Ready-to-drink botanical infused beverage
Condition: Good
Job ID: ISO05485
Sample ID: I15178
Received: 10NOV2025
Completed: 12NOV2025
Issued: 12NOV2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11NOV2025 | 0927**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	94.4	mg/unit	1.02	N/A
7-Hydroxymitragynine	Report Results	0.299	mg/unit	0.14	N/A
Paynantheine	Report Results	15.2	mg/unit	1.02	N/A
Speciogynine	Report Results	9.27	mg/unit	1.02	N/A
Speciociliatine	Report Results	22.3	mg/unit	1.02	N/A
Total Mitragyna Alkaloids	Report Results	141	mg/unit	1.02	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 11NOV2025 | 0927**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.137	w/w%	0.0015	N/A
7-Hydroxymitragynine	Report Results	0.000433	w/w%	0.00020	N/A
Paynantheine	Report Results	0.0220	w/w%	0.0015	N/A
Speciogynine	Report Results	0.0134	w/w%	0.0015	N/A
Speciociliatine	Report Results	0.0323	w/w%	0.0015	N/A
Total Mitragyna Alkaloids	Report Results	0.205	w/w%	0.0015	N/A

Loss on Drying **Method Code: T505** **Tested: 10NOV2025 | 1522**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Loss on Drying	Report Results	44.1	%	0.1	N/A

7-Hydroxymitragynine Limit (0.04%) **Method Code: 813** **Tested: 11NOV2025 | 1400**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	8	ppm	4	PASS

Kavalactones (UHPLC-DAD) **Method Code: T104** **Tested: 12NOV2025 | 1152**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	172	mg/unit	1.09	N/A
Dihydrokavain	Report Results	156	mg/unit	1.09	N/A
Methysticin	Report Results	61.4	mg/unit	1.09	N/A
Dihydromethysticin	Report Results	65.1	mg/unit	1.09	N/A
Yangonin	Report Results	70.5	mg/unit	1.09	N/A
Desmethoxyyangonin	Report Results	65.1	mg/unit	1.09	N/A
Flavokawain A	Report Results	5.60	mg/unit	1.09	N/A
Flavokawain B	Report Results	9.43	mg/unit	1.09	N/A
Flavokawain C	Report Results	<LOQ	mg/unit	1.09	N/A
Total Kavalactones	Report Results	590	mg/unit	1.09	N/A

Kavalactones (UHPLC-DAD) **Method Code: T104** **Tested: 12NOV2025 | 1152**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.248	w/w%	0.0016	N/A
Dihydrokavain	Report Results	0.226	w/w%	0.0016	N/A
Methysticin	Report Results	0.0888	w/w%	0.0016	N/A
Dihydromethysticin	Report Results	0.0942	w/w%	0.0016	N/A
Yangonin	Report Results	0.102	w/w%	0.0016	N/A
Desmethoxyyangonin	Report Results	0.0941	w/w%	0.0016	N/A
Flavokawain A	Report Results	0.00810	w/w%	0.0016	N/A
Flavokawain B	Report Results	0.0136	w/w%	0.0016	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.0016	N/A
Total Kavalactones	Report Results	0.853	w/w%	0.0016	N/A

Additional Report Notes

T102 and T104 results, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.152 g/mL and a package-specified product volume of 60.0 mL. T813 results are reported on a dry-weight basis (DWB). Reported values converted from T102 results using the laboratory-measured moisture content by T505 for each sample:
DWB w/w% = (as-received w/w%) ÷ (1 − moisture%/100).

Revision History

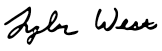
rev 00 - Initial release.
rev 01 - Added T104 results.

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
		Department:	Management
Name:	Tyler West	**Date:**	12NOV2025