Certificate of Analysis

Customer Information

Client: Peace & Plants Brewing LLC
Attention: peaceandplantsfla@gmail.com
Address: 6749 Scotts Pl
Pensacola, FL 32526

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: Kratom
Lot Number: 0001
Description: Ready-to-drink botanical infused beverage
Condition: Good
Job ID: ISO05361
Sample ID: I14822
Received: 26OCT2025
Completed: 31OCT2025
Report Date: 03NOV2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 31OCT2025 | 0132**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	32.9	mg/unit	0.029	N/A
7-Hydroxymitragynine	Report Results	0.0323	mg/unit	0.029	N/A
Paynantheine	Report Results	6.09	mg/unit	0.029	N/A
Speciogynine	Report Results	4.21	mg/unit	0.029	N/A
Speciociliatine	Report Results	8.02	mg/unit	0.029	N/A
Total Mitragyna Alkaloids	Report Results	51.3	mg/unit	0.029	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 31OCT2025 | 0132**

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.00915	w/w%	0.0000080	N/A
7-Hydroxymitragynine	Report Results	0.000009	w/w%	0.0000080	N/A
Paynantheine	Report Results	0.00169	w/w%	0.0000080	N/A
Speciogynine	Report Results	0.00117	w/w%	0.0000080	N/A
Speciociliatine	Report Results	0.00223	w/w%	0.0000080	N/A
Total Mitragyna Alkaloids	Report Results	0.0142	w/w%	0.0000080	N/A

Moisture Content **Method Code: T505** **Tested: 30OCT2025 | 1614**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Moisture	Report Results	97.1	%	0.1	N/A

7-Hydroxymitragynine Limit (0.04%) **Method Code: 813** **Tested: 31OCT2025 | 0132**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	3	ppm	3	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.014 g/mL and a package-specified product volume of 355.0 mL. T813 results are reported on a dry-weight basis (DWB). Reported values converted from T102/T102E results using the laboratory-measured moisture content by T505 for each sample: DWB w/w% = (as-received w/w%) ÷ (1 − moisture%/100).

Revision History

Report ID: 38be1f4a-d015-52b5-b7a3-e35cd06e2347
rev 00 - Initial release.

Abbreviations

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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:**	03NOV2025

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