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: Kava
Lot Number: 0001
Description: Ready-to-drink botanical infused beverage
Condition: Good
Job ID: ISO05361
Sample ID: I14823
Received: 26OCT2025
Completed: 31OCT2025
Report Date: 03NOV2025

Test Results

Kavalactones (UHPLC-DAD) **Method Code: T104** **Tested: 31OCT2025 | 0242**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	27.3	mg/unit	0.29	N/A
Dihydrokavain	Report Results	39.8	mg/unit	0.29	N/A
Methysticin	Report Results	10.0	mg/unit	0.29	N/A
Dihydromethysticin	Report Results	15.7	mg/unit	0.29	N/A
Yangonin	Report Results	3.07	mg/unit	0.29	N/A
Desmethoxyyangonin	Report Results	6.59	mg/unit	0.29	N/A
Flavokawain A	Report Results	0.575	mg/unit	0.29	N/A
Flavokawain B	Report Results	0.764	mg/unit	0.29	N/A
Flavokawain C	Report Results	<LOQ	mg/unit	0.29	N/A
Total Kavalactones	Report Results	102	mg/unit	0.29	N/A

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Kavalactones (UHPLC-DAD) **Method Code: T104** **Tested: 31OCT2025 | 0242**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.00754	w/w%	0.00008	N/A
Dihydrokavain	Report Results	0.0110	w/w%	0.00008	N/A
Methysticin	Report Results	0.00277	w/w%	0.00008	N/A
Dihydromethysticin	Report Results	0.00433	w/w%	0.00008	N/A
Yangonin	Report Results	0.000849	w/w%	0.00008	N/A
Desmethoxyyangonin	Report Results	0.00182	w/w%	0.00008	N/A
Flavokawain A	Report Results	0.000159	w/w%	0.00008	N/A
Flavokawain B	Report Results	0.000211	w/w%	0.00008	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.00008	N/A
Total Kavalactones	Report Results	0.0283	w/w%	0.00008	N/A

Additional Report Notes

T104 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.019 g/mL and a package-specified product volume of 355.0 mL.

Revision History

Report ID: 9fc03313-b288-5aa7-8717-4523452c1d9c
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

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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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