Certificate of Analysis

Customer Information

Client: Happy Hippo LLC
Attention: [redacted]@happyhippo.com
Address: 2145 E Pine Ave
Meridian, ID 83642

Testing Facility

Lab: Cora Science, LLC
Address 8000 Anderson Square, STE 113
Austin, Texas 78757
Contact: [redacted]

Sample Image(s)

Sample Information

Name: K2 Kava + Kratom
Lot Number: B5180
Description: Ready-to-drink botanical infused beverage
Condition: Good
Job ID: ISO04923
Sample ID: I13525
Received: 08SEP2025
Completed: 12SEP2025
Issued: 12SEP2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 12SEP2025 | 0025**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	51.6	mg/unit	0.48	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.48	N/A
Paynantheine	Report Results	8.14	mg/unit	0.48	N/A
Speciogynine	Report Results	4.20	mg/unit	0.48	N/A
Speciociliatine	Report Results	1.51	mg/unit	0.48	N/A
Total Mitragyna Alkaloids	Report Results	65.5	mg/unit	0.48	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 12SEP2025 | 0025**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.0854	w/w%	0.00080	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.00080	N/A
Paynantheine	Report Results	0.0135	w/w%	0.00080	N/A
Speciogynine	Report Results	0.00695	w/w%	0.00080	N/A
Speciociliatine	Report Results	0.00250	w/w%	0.00080	N/A
Total Mitragyna Alkaloids	Report Results	0.108	w/w%	0.00080	N/A

Theanine (UHPLC-DAD) **Method Code: T121** **Tested: 12SEP2025 | 1304**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Theanine	Report Results	101	mg/unit	1.58	N/A

Theanine (UHPLC-DAD) **Method Code: T121** **Tested: 12SEP2025 | 1304**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Theanine	Report Results	0.167	w/w%	0.003	N/A

Kavalactones (UHPLC-DAD) **Method Code: T104** **Tested: 12SEP2025 | 0236**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	170	mg/unit	1.81	N/A
Dihydrokavain	Report Results	162	mg/unit	1.81	N/A
Methysticin	Report Results	57.6	mg/unit	1.81	N/A
Dihydromethysticin	Report Results	61.0	mg/unit	1.81	N/A
Yangonin	Report Results	44.3	mg/unit	1.81	N/A
Desmethoxyyangonin	Report Results	60.6	mg/unit	1.81	N/A
Flavokawain A	Report Results	4.85	mg/unit	1.61	N/A
Flavokawain B	Report Results	7.81	mg/unit	1.61	N/A
Flavokawain C	Report Results	<LOQ	mg/unit	1.61	N/A
Total Kavalactones	Report Results	556	mg/unit	1.81	N/A

Kavalactones (UHPLC-DAD) **Method Code: T104** **Tested: 12SEP2025 | 0236**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.282	w/w%	0.0030	N/A
Dihydrokavain	Report Results	0.269	w/w%	0.0030	N/A
Methysticin	Report Results	0.0953	w/w%	0.0030	N/A
Dihydromethysticin	Report Results	0.101	w/w%	0.0030	N/A
Yangonin	Report Results	0.0733	w/w%	0.0030	N/A
Desmethoxyyangonin	Report Results	0.100	w/w%	0.0030	N/A
Flavokawain A	Report Results	0.00802	w/w%	0.0027	N/A
Flavokawain B	Report Results	0.0129	w/w%	0.0027	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.0027	N/A
Total Kavalactones	Report Results	0.920	w/w%	0.0030	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 1.024 g/mL and package specified fill volume of 59.0 mL.

Revision History

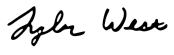
rev 00 - Initial release.

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
		Department:	Management
Name:	Tyler West	**Date:**	12SEP2025