# Certificate of Analysis



**Customer Information** 

Krazy Kava Client: Attention: (206) 909-9984

Address: 15082 Saltair Dr. NE

Poulsbo, WA 98370

**Testing Facility** 

Cora Science, LLC Lab:

**Address** 8000 Anderson Square, STE 113

Austin, Texas 78757

Contact: info@corascience.com

(512) 856-5007

#### Sample Information

Krazy Kava- Blue Raspberry Name:

KK-2001 Lot Number:

Description: Ready-to-drink botanical infused beverage

Condition: Good Job ID: ISO02153 Sample ID: 105011 Received: 13JUN2024 Completed: 14JUN2024 Issued: 14JUN2024

## **Test Results**

Mitragyna Alkaloids (UHPLC-DAD)

Kavalactones (UHPLC-DAD)		Method Code:	Method Code: T104		Tested: 14JUN2024   1018	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Kavain	Report Results	0.390	mg/mL	0.02	N/A	
Dihydrokavain	Report Results	0.658	mg/mL	0.02	N/A	
Methysticin	Report Results	0.124	mg/mL	0.02	N/A	
Dihydromethysticin	Report Results	0.140	mg/mL	0.02	N/A	
Yangonin	Report Results	0.118	mg/mL	0.02	N/A	
Desmethoxyyangonin	Report Results	0.185	mg/mL	0.02	N/A	
Flavokawain A	Report Results	<loq< td=""><td>mg/mL</td><td>0.02</td><td>N/A</td></loq<>	mg/mL	0.02	N/A	
Flavokawain B	Report Results	0.022	mg/mL	0.02	N/A	
Flavokawain C	Report Results	<loq< td=""><td>mg/mL</td><td>0.02</td><td>N/A</td></loq<>	mg/mL	0.02	N/A	
Total Kavalactones	Report Results	1.62	mg/mL	0.02	N/A	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Kavain	Report Results	0.036	w/w%	0.002	N/A	
Dihydrokavain	Report Results	0.061	w/w%	0.002	N/A	
Methysticin	Report Results	0.012	w/w%	0.002	N/A	
Dihydromethysticin	Report Results	0.013	w/w%	0.002	N/A	
Yangonin	Dana ant Danalta	0.011	w/w%	0.002	N/A	
langonin	Report Results	0.011				
	Report Results	0.017	w/w%	0.002	N/A	
Desmethoxyyangonin	•			0.002 0.002	N/A N/A	
Desmethoxyyangonin Flavokawain A	Report Results	0.017	w/w%			
Desmethoxyyangonin Flavokawain A Flavokawain B Flavokawain C	Report Results Report Results	0.017 <loq< td=""><td>w/w% w/w%</td><td>0.002</td><td>N/A</td></loq<>	w/w% w/w%	0.002	N/A	

Method Code: T102

Tested: 13JUN2024 | 1856

This report, prepared by Cora Science, LLC, shall not be reproduced except in its entirety without prior written approval. All test articles are analyzed as received and the results relate only to the specific sample of material or product analyzed. Test methods are performed in a laboratory accredited to ISO/IEC 17025:2017 in the field of testing by PJLA (Accreditation #116374) or a registered outsourcing facility. Some test methods reported may fall outside the scope of L22-250 supplement.

Work Order ID: ISO02153 - Sample Id: I05011 - Received Date: 13JUN2024 - Issued Date: 14JUN2024 - Page: 2

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.161	w/w%	0.003	N/A
7-Hydroxymitragynine	Report Results	<loq< td=""><td>w/w%</td><td>0.001</td><td>N/A</td></loq<>	w/w%	0.001	N/A
Paynantheine	Report Results	0.023	w/w%	0.003	N/A
Speciogynine	Report Results	0.016	w/w%	0.003	N/A
Speciociliatine	Report Results	0.005	w/w%	0.003	N/A
Total Mitragyna Alkaloids	Report Results	0.204	w/w%	0.003	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** Tested: 13JUN2024 | 1856

PARAMETER	<b>SPECIFICATION</b>	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	1.72	mg/mL	0.03	N/A	
7-Hydroxymitragynine	Report Results	<loq< td=""><td>mg/mL</td><td>0.01</td><td>N/A</td></loq<>	mg/mL	0.01	N/A	
Paynantheine	Report Results	0.243	mg/mL	0.03	N/A	
Speciogynine	Report Results	0.169	mg/mL	0.03	N/A	
Speciociliatine	Report Results	0.056	mg/mL	0.03	N/A	
Total Mitragyna Alkaloids	Report Results	2.19	mg/mL	0.03	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 1.073 g/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**

Signature:

This report has been authorized for release from Cora Science by:

John West

Tyler West Name:

**Position:** 

**Department:** Date:

Laboratory Director

Management 14JUN2024