Certificate of Analysis

Customer Information

Client: White Rabbit Energy
Attention: support@whiterabbitenergy.com
Address: 2621 Green River Rd., #105-154
Corona, CA 92882

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 MITRAGYNA SPECIOSA
Lot Number: 2406-RB-(012-040)
Description: Ready-to-drink beverage
Condition: Good
Job ID: ISO08414
Sample ID: I23495
Received: 20OCT2026
Completed: 28OCT2026
Report Date: 28OCT2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 24OCT2026 | 0412**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
Mitragynine	Report Results	22.0	mg/unit	0.71	0.27
Paynantheine	Report Results	1.41	mg/unit	0.71	0.27
Speciogynine	Report Results	1.13	mg/unit	0.71	0.27
Speciociliatine	Report Results	0.950	mg/unit	0.71	0.27
Component Sum	Report Results	25.5	mg/unit	0.71	0.27

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 24OCT2026 | 0412**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
Mitragynine	Report Results	0.0616	mg/g	0.0020	0.00074
Paynantheine	Report Results	0.00395	mg/g	0.0020	0.00074
Speciogynine	Report Results	0.00317	mg/g	0.0020	0.00074
Speciociliatine	Report Results	0.00266	mg/g	0.0020	0.00074
Component Sum	Report Results	0.0714	mg/g	0.0020	0.00074

Mitragynine Derivatives [UHPLC-MS] **Method Code: T191** **Tested: 27OCT2026 | 0807**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
7-hydroxymitragynine	Report Results	0.390	ug/g	0.20	0.066
9-hydroxycorynantheidine	Report Results	<LOQ (0.104)	ug/g	0.20	0.066
Mitragynine Pseudoindoxyl	Report Results	ND	ug/g	0.20	0.066
7-acetoxymitragynine	Report Results	ND	ug/g	0.20	0.066
Dihydro-7-hydroxymitragynine (MGM-15)	Report Results	ND	ug/g	0.20	0.066

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	MDL
10-fluoro-dihydro-7-hydroxymitragynine (MGM-16)	Report Results	ND	ug/g	0.20	0.066
Component Sum	Report Results	0.494	ug/g	0.20	0.066

Microbial Examination **Method Code: T005** **Tested: 23OCT2026 | 1405**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000 CFU/g	<LOQ	CFU/g	10 CFU/g	PASS
Total Yeast and Mold	NMT 1,000 CFU/g	50	CFU/g	10 CFU/g	PASS
Total Coliforms	NMT 100 CFU/g	<LOQ	CFU/g	10 CFU/g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU/10g	PASS
Salmonella spp.	Not Detected in 10 g	Not Detected	N/A	1 CFU/10g	PASS

Unit Weight Analysis (Gravimetric) **Method Code: T503** **Tested: 22OCT2026 | 1934**

PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.005	g/mL	0.5-1.5	N/A

Florida Kratom Compliance — 2ER26-2 / 5KER26-11 **Method Code: T102/T503/T191** **Tested: 28OCT2026 | 1043**

PARAMETER	SPECIFICATION	RESULT	UNIT	MDL/LOD	NOTES
Mitragynine Concentration	Report Results	0.06191	mg/mL	N/A	N/A
Mitragynine per Labeled Package	Report Results	22	mg/package	N/A	N/A
Product Density	Report Results	1.005	g/mL	N/A	N/A
7-Hydroxymitragynine Label Concentration	Report Results	0.000392	mg/mL	0.00006633	N/A
7-Acetoxymitragynine	Not Detected	ND	mg/mL	0.00006633	PASS
Dihydro-7-hydroxymitragynine (MGM-15)	Not Detected	ND	mg/mL	0.00006633	PASS
9-Fluoro-7-hydroxymitragynine (MGM-16)	Not Detected	ND	mg/mL	0.00006633	PASS
7-Hydroxymitragynine Limit	NMT 1.00	0.000392	mg/mL	N/A	PASS
Mitragynine-to-7OH Ratio	NLT 100:1	157.9:1	N/A	N/A	PASS
Alkaloid Ratio Declaration	Report Results	22:0	mg:mg	N/A	N/A

Additional Report Notes

T102 result, LOQ and unit converted from mg/g to mg/unit using a laboratory measured density and package specified fill volume.

Revision History

Report ID: 45b4929e-c782-50d5-bde9-478d7c643710
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
Name:	Tyler West	**Department:**	Management
		Date:	28OCT2026

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