



Certificate of Analysis

Customer Information

Client: White Rabbit Energy
Attention: support@whiterabbitenergy.com
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Corona, CA 92882

Testing Facility

Lab: Cora Science, LLC
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Sample Image(s)



Sample Information

Name: KRATOM MITRAGYNA SPECIOSA EXTRACT
Lot Number: A166250625
Description: Ready-to-drink botanical infused beverage
Condition: Good
Job ID: ISO05135
Sample ID: I14153
Received: 01OCT2025
Completed: 04OCT2025
Issued: 07OCT2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 04OCT2025 0001		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	23.2	mg/unit	0.053	N/A	
7-Hydroxymitragynine	Report Results	0.0750	mg/unit	0.014	N/A	
Paynantheine	Report Results	2.22	mg/unit	0.053	N/A	
Speciogynine	Report Results	1.41	mg/unit	0.053	N/A	
Speciociliatine	Report Results	0.196	mg/unit	0.053	N/A	
Total Mitragyna Alkaloids	Report Results	27.1	mg/unit	0.053	N/A	

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 04OCT2025 0001		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	0.00654	w/w%	0.000015	N/A	
7-Hydroxymitragynine	Report Results	0.000021	w/w%	0.0000040	N/A	
Paynantheine	Report Results	0.000626	w/w%	0.000015	N/A	
Speciogynine	Report Results	0.000398	w/w%	0.000015	N/A	
Speciociliatine	Report Results	0.000055	w/w%	0.000015	N/A	
Total Mitragyna Alkaloids	Report Results	0.00764	w/w%	0.000015	N/A	

Elemental Impurities (ICP-MS)		Method Code: T301		Tested: 03OCT2025 0955		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Arsenic	NMT 1.50	<LOQ	ug/g	0.006	PASS	
Cadmium	NMT 0.50	0.003	ug/g	0.002	PASS	
Mercury	NMT 0.20	<LOQ	ug/g	0.002	PASS	
Lead	NMT 0.50	<LOQ	ug/g	0.002	PASS	

Work Order: ISO05135 Sample: I14153		Received: 01OCT2025 Issued: 07OCT2025		Revision: 00 Page 2	
Microbiological Examination		Method Code: T005		Tested: 02OCT2025 1244	
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	<LOQ	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 25 g	Not Detected	N/A	1 CFU/25g	PASS

Moisture Content		Method Code: T507		Tested: 03OCT2025 1246	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Moisture	Report Results	99.91	%	0.1	N/A

7-Hydroxymitragynine Limit (0.04%)		Method Code: 813		Tested: 04OCT2025 0001	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	233	ppm	44	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 0.999 g/mL and package specified fill 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

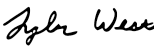
rev 00 - Initial release.

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
Name:	Tyler West	Department:	Management
		Date:	07OCT2025