



# 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 EXTRACT  
**Lot Number:** A166330625  
**Description:** Ready-to-drink botanical infused beverage  
**Condition:** Good  
**Job ID:** ISO05135  
**Sample ID:** I14156  
**Received:** 01OCT2025  
**Completed:** 04OCT2025  
**Issued:** 07OCT2025

## Test Results

| Mitragyna Alkaloids (UHPLC-DAD) |                | Method Code: T102 |         | Tested: 04OCT2025   0244 |       |  |
|---------------------------------|----------------|-------------------|---------|--------------------------|-------|--|
| PARAMETER                       | SPECIFICATION  | RESULT            | UNIT    | LOQ                      | NOTES |  |
| Mitragynine                     | Report Results | 24.1              | mg/unit | 0.053                    | N/A   |  |
| 7-Hydroxymitragynine            | Report Results | 0.0314            | mg/unit | 0.014                    | N/A   |  |
| Paynantheine                    | Report Results | 2.43              | mg/unit | 0.053                    | N/A   |  |
| Speciogynine                    | Report Results | 1.58              | mg/unit | 0.053                    | N/A   |  |
| Speciociliatine                 | Report Results | 0.193             | mg/unit | 0.053                    | N/A   |  |
| Total Mitragyna Alkaloids       | Report Results | 28.4              | mg/unit | 0.053                    | N/A   |  |

| Mitragyna Alkaloids (UHPLC-DAD) |                | Method Code: T102 |      | Tested: 04OCT2025   0244 |       |  |
|---------------------------------|----------------|-------------------|------|--------------------------|-------|--|
| PARAMETER                       | SPECIFICATION  | RESULT            | UNIT | LOQ                      | NOTES |  |
| Mitragynine                     | Report Results | 0.00679           | w/w% | 0.000015                 | N/A   |  |
| 7-Hydroxymitragynine            | Report Results | 0.000009          | w/w% | 0.00000399               | N/A   |  |
| Paynantheine                    | Report Results | 0.000685          | w/w% | 0.000015                 | N/A   |  |
| Speciogynine                    | Report Results | 0.000445          | w/w% | 0.000015                 | N/A   |  |
| Speciociliatine                 | Report Results | 0.000054          | w/w% | 0.000015                 | N/A   |  |
| Total Mitragyna Alkaloids       | Report Results | 0.00799           | w/w% | 0.000015                 | N/A   |  |

| Elemental Impurities (ICP-MS) |               | Method Code: T301 |      | Tested: 03OCT2025   1041 |       |  |
|-------------------------------|---------------|-------------------|------|--------------------------|-------|--|
| PARAMETER                     | SPECIFICATION | RESULT            | UNIT | LOQ                      | NOTES |  |
| Arsenic                       | NMT 1.50      | 0.024             | ug/g | 0.006                    | PASS  |  |
| Cadmium                       | NMT 0.50      | 0.008             | ug/g | 0.002                    | PASS  |  |
| Mercury                       | NMT 0.20      | <LOQ              | ug/g | 0.002                    | PASS  |  |
| Lead                          | NMT 0.50      | 0.017             | ug/g | 0.002                    | PASS  |  |

|                                       |                      |                                         |       |                          |       |
|---------------------------------------|----------------------|-----------------------------------------|-------|--------------------------|-------|
| Work Order: ISO05135   Sample: I14156 |                      | 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: T510 |      | Tested: 03OCT2025   1445 |       |
| PARAMETER        | SPECIFICATION  | RESULT            | UNIT | LOQ                      | NOTES |
| Moisture         | Report Results | 99.67             | %    | 0.1                      | N/A   |

|                                    |               |                  |      |                          |       |
|------------------------------------|---------------|------------------|------|--------------------------|-------|
| 7-Hydroxymitragynine Limit (0.04%) |               | Method Code: 813 |      | Tested: 04OCT2025   0244 |       |
| PARAMETER                          | SPECIFICATION | RESULT           | UNIT | LOQ                      | NOTES |
| 7-Hydroxymitragynine               | NMT 400 PPM   | 27               | ppm  | 12                       | PASS  |

## Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.000 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

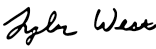
rev 00 - Initial release.

## 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           |