



# Certificate of Analysis

## Customer Information

**Client:** Spider Extracts  
**Attention:** joe@spiderextracts.com  
**Address:** P.O. Box 332  
Manalapan, New Jersey 07726

## 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:** Blue Razz  
**Lot Number:** 001  
**Description:** Pressed Tablet  
**Condition:** Good  
**Job ID:** ISO04954  
**Sample ID:** I13608  
**Received:** 11SEP2025  
**Completed:** 13SEP2025  
**Issued:** 17SEP2025

## Test Results

| Mitragyna Alkaloids (UHPLC-DAD) |                | Method Code: T102 |         | Tested: 13SEP2025   0251 |       |
|---------------------------------|----------------|-------------------|---------|--------------------------|-------|
| PARAMETER                       | SPECIFICATION  | RESULT            | UNIT    | LOQ                      | NOTES |
| Mitragynine                     | Report Results | 1.06              | mg/unit | 0.018                    | N/A   |
| 7-Hydroxymitragynine            | Report Results | 28.7              | mg/unit | 0.018                    | N/A   |
| Paynantheine                    | Report Results | 0.145             | mg/unit | 0.018                    | N/A   |
| Speciogynine                    | Report Results | 0.0920            | mg/unit | 0.018                    | N/A   |
| Speciociliatine                 | Report Results | <LOQ              | mg/unit | 0.018                    | N/A   |
| Total Mitragyna Alkaloids       | Report Results | 30.0              | mg/unit | 0.018                    | N/A   |

| Mitragyna Alkaloids (UHPLC-DAD) |                | Method Code: T102 |      | Tested: 13SEP2025   0251 |       |
|---------------------------------|----------------|-------------------|------|--------------------------|-------|
| PARAMETER                       | SPECIFICATION  | RESULT            | UNIT | LOQ                      | NOTES |
| Mitragynine                     | Report Results | 0.163             | w/w% | 0.0028                   | N/A   |
| 7-Hydroxymitragynine            | Report Results | 4.40              | w/w% | 0.0028                   | N/A   |
| Paynantheine                    | Report Results | 0.0222            | w/w% | 0.0028                   | N/A   |
| Speciogynine                    | Report Results | 0.0141            | w/w% | 0.0028                   | N/A   |
| Speciociliatine                 | Report Results | <LOQ              | w/w% | 0.0028                   | N/A   |
| Total Mitragyna Alkaloids       | Report Results | 4.60              | w/w% | 0.0028                   | N/A   |

| Residual Solvents: Class I (GC-MS) |               | Method Code: T201 |      | Tested: 12SEP2025   0059 |       |
|------------------------------------|---------------|-------------------|------|--------------------------|-------|
| PARAMETER                          | SPECIFICATION | RESULT            | UNIT | LOQ                      | NOTES |
| 1,1-Dichloroethene                 | NMT 8         | <LOQ              | ug/g | 0.40                     | PASS  |
| 1,1,1-Trichloroethane              | NMT 1500      | <LOQ              | ug/g | 75                       | PASS  |
| Tetrachloromethane                 | NMT 4         | <LOQ              | ug/g | 0.20                     | PASS  |
| Benzene                            | NMT 2         | <LOQ              | ug/g | 0.10                     | PASS  |
| 1,2-Dichloroethane                 | NMT 5         | <LOQ              | ug/g | 0.25                     | PASS  |

| Residual Solvents: Class II (GC-MS) |               | Method Code: T201 |      | Tested: 12SEP2025   0059 |       |
|-------------------------------------|---------------|-------------------|------|--------------------------|-------|
| PARAMETER                           | SPECIFICATION | RESULT            | UNIT | LOQ                      | NOTES |
| Methanol                            | NMT 3000      | <LOQ              | ug/g | 75                       | PASS  |
| Acetonitrile                        | NMT 410       | <LOQ              | ug/g | 41                       | PASS  |
| Dichloromethane                     | NMT 600       | <LOQ              | ug/g | 15                       | PASS  |
| 1,2-Dichloroethene, (E)             | NMT 1870      | <LOQ              | ug/g | 47                       | PASS  |
| 1,2-Dichloroethene, (Z)             | NMT 1870      | <LOQ              | ug/g | 47                       | PASS  |
| Tetrahydrofuran                     | NMT 720       | <LOQ              | ug/g | 18                       | PASS  |
| Cyclohexane                         | NMT 3880      | <LOQ              | ug/g | 97                       | PASS  |
| Methylcyclohexane                   | NMT 1180      | <LOQ              | ug/g | 30                       | PASS  |
| 1,4-Dioxane                         | NMT 380       | <LOQ              | ug/g | 38                       | PASS  |
| Toluene                             | NMT 890       | <LOQ              | ug/g | 22                       | PASS  |
| Chlorobenzene                       | NMT 360       | <LOQ              | ug/g | 9.0                      | PASS  |
| Ethylbenzene                        | NMT 2170      | <LOQ              | ug/g | 54                       | PASS  |
| o/p-Xylene                          | NMT 2170      | <LOQ              | ug/g | 54                       | PASS  |
| m-Xylene                            | NMT 2170      | <LOQ              | ug/g | 54                       | PASS  |
| Isopropylbenzene                    | NMT 70        | <LOQ              | ug/g | 1.8                      | PASS  |
| Hexane                              | NMT 290       | <LOQ              | ug/g | 7.3                      | PASS  |
| Nitromethane                        | NMT 50        | <LOQ              | ug/g | 1.3                      | PASS  |
| Chloroform                          | NMT 60        | <LOQ              | ug/g | 1.5                      | PASS  |
| 1,2-Dimethoxyethane                 | NMT 100       | <LOQ              | ug/g | 2.5                      | PASS  |
| Trichloroethene                     | NMT 80        | <LOQ              | ug/g | 2.0                      | PASS  |
| Pyridine                            | NMT 200       | <LOQ              | ug/g | 5.0                      | PASS  |
| 2-Hexanone                          | NMT 50        | <LOQ              | ug/g | 5.0                      | PASS  |
| Tetralin                            | NMT 100       | <LOQ              | ug/g | 2.5                      | PASS  |

| Residual Solvents: Class III (GC-MS) |               | Method Code: T201 |      | Tested: 12SEP2025   0059 |       |
|--------------------------------------|---------------|-------------------|------|--------------------------|-------|
| PARAMETER                            | SPECIFICATION | RESULT            | UNIT | LOQ                      | NOTES |
| Pentane                              | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Ethanol                              | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Diethyl Ether                        | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Acetone                              | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Ethyl Formate                        | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Isopropanol                          | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Methyl Acetate                       | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Methyl tert-Butyl Ether              | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| 1-Propanol                           | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| 2-Butanone                           | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Ethyl Acetate                        | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| 2-Butanol                            | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| 2-Methyl-1-Propanol                  | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Isopropyl Acetate                    | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Heptane                              | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| 1-Butanol                            | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| Propyl Acetate                       | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |
| 4-Methyl-2-Pentanone                 | NMT 5000      | <LOQ              | ug/g | 125                      | PASS  |

| PARAMETER         | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|-------------------|---------------|--------|------|-----|-------|
| Isoamyl Alcohol   | NMT 5000      | <LOQ   | ug/g | 125 | PASS  |
| Isobutyl Acetate  | NMT 5000      | <LOQ   | ug/g | 125 | PASS  |
| 1-Pentanol        | NMT 5000      | <LOQ   | ug/g | 125 | PASS  |
| Butyl Acetate     | NMT 5000      | <LOQ   | ug/g | 125 | PASS  |
| Anisole           | NMT 5000      | <LOQ   | ug/g | 125 | PASS  |
| Dimethylsulfoxide | NMT 5000      | <LOQ   | ug/g | 125 | PASS  |

## Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.653 grams.

## 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:       | 17SEP2025           |