# Certificate of Analysis

## Customer Information

**Client:** TestMyKratom.org
**Attention:** tmk@testmykratom.org
**Address:** 18117 Biscayne Blvd, Suite #4220
Miami, FL 33160

## 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:** 7ohBlack Dragon Fruit tablet
**Lot Number:** 2025-07
**Description:** Pressed Tablet
**Condition:** Good
**Job ID:** ISO04546
**Sample ID:** I12412
**Received:** 25JUL2025
**Completed:** 30JUL2025
**Issued:** 31JUL2025

# Test Results

**Mitragyna Alkaloids (UHPLC-DAD)** **Method Code: T102** **Tested: 29JUL2025 | 0536**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Mitragynine | Report Results | 0.123 | mg/unit | 0.013 | N/A |
| 7-Hydroxymitragynine | Report Results | 25.5 | mg/unit | 0.013 | N/A |
| Mitragynine Pseudoindoxyl | Report Results | 0.144 | mg/unit | 0.013 | N/A |
| Mitraciliatine | Report Results | <LOQ | mg/unit | 0.013 | N/A |
| Speciociliatine | Report Results | <LOQ | mg/unit | 0.013 | N/A |
| Speciogynine | Report Results | <LOQ | mg/unit | 0.013 | N/A |
| Paynantheine | Report Results | 0.0139 | mg/unit | 0.013 | N/A |
| Coryantheidine | Report Results | <LOQ | mg/unit | 0.013 | N/A |
| Corynoxine | Report Results | <LOQ | mg/unit | 0.013 | N/A |
| Isorhynchophylline | Report Results | <LOQ | mg/unit | 0.013 | N/A |
| Mitraphylline | Report Results | <LOQ | mg/unit | 0.013 | N/A |
| Total Mitragyna Alkaloids | Report Results | 25.8 | mg/unit | 0.013 | N/A |

**Mitragyna Alkaloids (UHPLC-DAD)** **Method Code: T102** **Tested: 29JUL2025 | 0536**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Mitragynine | Report Results | 0.0258 | w/w% | 0.0028 | N/A |
| 7-Hydroxymitragynine | Report Results | 5.32 | w/w% | 0.0028 | N/A |
| Mitragynine Pseudoindoxyl | Report Results | 0.0301 | w/w% | 0.0028 | N/A |
| Mitraciliatine | Report Results | <LOQ | w/w% | 0.0028 | N/A |
| Speciociliatine | Report Results | <LOQ | w/w% | 0.0028 | N/A |
| Speciogynine | Report Results | <LOQ | w/w% | 0.0028 | N/A |
| Paynantheine | Report Results | 0.00289 | w/w% | 0.0028 | N/A |
| Coryantheidine | Report Results | <LOQ | w/w% | 0.0028 | N/A |

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Corynoxine | Report Results | <LOQ | w/w% | 0.0028 | N/A |
| Isorhynchophylline | Report Results | <LOQ | w/w% | 0.0028 | N/A |
| Mitraphylline | Report Results | <LOQ | w/w% | 0.0028 | N/A |
| Total Mitragyna Alkaloids | Report Results | 5.38 | w/w% | 0.0028 | N/A |

**Residual Solvents: Class I (GC-MS)** **Method Code: T201** **Tested: 30JUL2025 | 2228**

| 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: 30JUL2025 | 2228**

| 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: 30JUL2025 | 2228**

| 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 |

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| 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 | 182 | 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 |
| 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 |

**Elemental Impurities (ICP-MS)** **Method Code: T301** **Tested: 28JUL2025 | 1421**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Arsenic | NMT 1.50 | <LOQ | ug/g | 0.006 | PASS |
| Cadmium | NMT 0.50 | 0.015 | ug/g | 0.002 | PASS |
| Mercury | NMT 0.20 | <LOQ | ug/g | 0.002 | PASS |
| Lead | NMT 0.50 | 0.010 | ug/g | 0.002 | PASS |

# Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.479 grams.

# Revision History

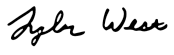
rev 00 - Initial release.

# 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 |
| **Name:** | Tyler West | **Department:** | Management |
| | | **Date:** | 31JUL2025 |