# Certificate of Analysis

## Customer Information

**Client:** TestMyKratom.org
**Attention:** test.my.kratom@gmail.com
**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:** Press'd Red-OH
**Lot Number:** 2024-11
**Description:** Pressed Tablet
**Condition:** Good
**Job ID:** ISO02843
**Sample ID:** I07116
**Received:** 21NOV2024
**Completed:** 28NOV2024
**Issued:** 29NOV2024

# Test Results

**Mitragyna Alkaloids (UHPLC-DAD)** **Method Code: T102** **Tested: 27NOV2024 | 2242**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Mitragynine | Report Results | 6.21 | mg/unit | 0.033 | N/A |
| 7-Hydroxymitragynine | Report Results | 0.194 | mg/unit | 0.009 | N/A |
| Paynantheine | Report Results | <LOQ | mg/unit | 0.033 | N/A |
| Speciogynine | Report Results | <LOQ | mg/unit | 0.033 | N/A |
| Speciociliatine | Report Results | 0.149 | mg/unit | 0.033 | N/A |
| Mitraciliatine | Report Results | <LOQ | mg/unit | 0.022 | N/A |
| Isorhynchophylline | Report Results | <LOQ | mg/unit | 0.022 | N/A |
| Corynoxine | Report Results | <LOQ | mg/unit | 0.022 | N/A |
| Mitragynine Pseudoindoxyl | Report Results | 8.73 | mg/unit | 0.030 | N/A |
| Total Mitragyna Alkaloids | Report Results | 15.3 | mg/unit | 0.033 | N/A |

**Mitragyna Alkaloids (UHPLC-DAD)** **Method Code: T102** **Tested: 27NOV2024 | 2242**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Mitragynine | Report Results | 0.985 | w/w% | 0.0052 | N/A |
| 7-Hydroxymitragynine | Report Results | 0.031 | w/w% | 0.0014 | N/A |
| Paynantheine | Report Results | <LOQ | w/w% | 0.0052 | N/A |
| Speciogynine | Report Results | <LOQ | w/w% | 0.0052 | N/A |
| Speciociliatine | Report Results | 0.024 | w/w% | 0.0052 | N/A |
| Mitraciliatine | Report Results | <LOQ | w/w% | 0.0035 | N/A |
| Isorhynchophylline | Report Results | <LOQ | w/w% | 0.0035 | N/A |
| Corynoxine | Report Results | <LOQ | w/w% | 0.0035 | N/A |
| Mitragynine Pseudoindoxyl | Report Results | 1.39 | w/w% | 0.0048 | N/A |
| Total Alkaloids | Report Results | 2.43 | w/w% | 0.0052 | N/A |

**Residual Solvents: Class I (GC-MS)** **Method Code: T201** **Tested: 22NOV2024 | 0712**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| 1,1-Dichloroethene | NMT 8 | <LOQ | ug/g | 0.4 | PASS |
| 1,1,1-Trichloroethane | NMT 1500 | <LOQ | ug/g | 75 | PASS |
| Tetrachloromethane | NMT 4 | <LOQ | ug/g | 0.2 | PASS |
| Benzene | NMT 2 | <LOQ | ug/g | 0.1 | PASS |
| 1,2-Dichloroethane | NMT 5 | <LOQ | ug/g | 0.25 | PASS |

**Residual Solvents: Class II (GC-MS)** **Method Code: T201** **Tested: 22NOV2024 | 0712**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Methanol | NMT 3000 | <LOQ | ug/g | 94 | PASS |
| Acetonitrile | NMT 410 | <LOQ | ug/g | 20.5 | PASS |
| Dichloromethane | NMT 600 | <LOQ | ug/g | 30 | PASS |
| 1,2-Dichloroethene, (E) | NMT 1870 | <LOQ | ug/g | 93.5 | PASS |
| 1,2-Dichloroethene, (Z) | NMT 1870 | <LOQ | ug/g | 93.5 | PASS |
| Tetrahydrofuran | NMT 720 | <LOQ | ug/g | 36 | PASS |
| Cyclohexane | NMT 3880 | <LOQ | ug/g | 194 | PASS |
| Methylcyclohexane | NMT 1180 | <LOQ | ug/g | 59 | PASS |
| 1,4-Dioxane | NMT 380 | <LOQ | ug/g | 19 | PASS |
| Toluene | NMT 890 | <LOQ | ug/g | 44.5 | PASS |
| Chlorobenzene | NMT 360 | <LOQ | ug/g | 18 | PASS |
| Ethylbenzene | NMT 2170 | <LOQ | ug/g | 108.5 | PASS |
| o/p-Xylene | NMT 2170 | <LOQ | ug/g | 108.5 | PASS |
| m-Xylene | NMT 2170 | <LOQ | ug/g | 108.5 | PASS |
| Isopropylbenzene | NMT 70 | <LOQ | ug/g | 3.5 | PASS |
| Hexane | NMT 290 | <LOQ | ug/g | 14.5 | PASS |
| Nitromethane | NMT 50 | <LOQ | ug/g | 2.5 | PASS |
| Chloroform | NMT 60 | <LOQ | ug/g | 3 | PASS |
| 1,2-Dimethoxyethane | NMT 100 | <LOQ | ug/g | 5 | PASS |
| Trichloroethene | NMT 80 | <LOQ | ug/g | 4 | PASS |
| Pyridine | NMT 200 | <LOQ | ug/g | 10 | PASS |
| 2-Hexanone | NMT 50 | <LOQ | ug/g | 2.5 | PASS |
| Tetralin | NMT 100 | <LOQ | ug/g | 5 | PASS |

**Residual Solvents: Class III (GC-MS)** **Method Code: T201** **Tested: 22NOV2024 | 0712**

| 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 |
| 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 |
| Dimethylsulfoxide | NMT 5000 | <LOQ | ug/g | 125 | PASS |
| Anisole | NMT 5000 | <LOQ | ug/g | 125 | PASS |

**Adulterants (GC-MS/MS:1/2)** **Method Code: T451** **Tested: 28NOV2024 | 0056**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Meperidine | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| cis-Tramadol | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Methadone | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Heroin | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Codeine | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Morphine | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Hydrocodone | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Hydromorphone | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Oxycodone | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Naltrexone | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Naloxone | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Oxymorphone | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Fentanyl | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Buprenorphine | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Tianeptine | Not Detected | <LOQ | ug/g | 0.05 | PASS |

**Adulterants (GC-MS/MS:2/2)** **Method Code: T451** **Tested: 28NOV2024 | 0056**

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---|---|---|---|---|---|
| Amphetamine | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Phentermine | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Methamphetamine | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| MDA | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| MDMA | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| MDEA | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Cocaine | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Amobarbital | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Butalbital | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Pentobarbital | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Phenobarbital | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Secobarbital | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Alprazolam | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Clonazepam | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Diazepam | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Flunitrazepam | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Lorazepam | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Oxazepam | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Nitrazepam | Not Detected | <LOQ | ug/g | 0.05 | PASS |
| Temazepam | Not Detected | <LOQ | ug/g | 0.05 | PASS |

## Additional Report Notes

T102E result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.630 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:** Tyler West

**Name:** Tyler West

**Position:** Laboratory Director

**Department:** Management

**Date:** 29NOV2024