Certificate of Analysis



Customer Information

Client: Prof Whyte's Kratom **Attention:** (954) 470-1891

Address: 7901 SW 6th Ct, Suite 250B

Plantation, FL 33324

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: 50 mg Kratom Gummy

Lot Number: 072450001

Description: Botanical-infused gummy candy

Condition: Good

Job ID: ISO02286

Sample ID: I05387

Received: 22JUL2024

Completed: 24JUL2024

Issued: 24JUL2024

Test Results

| Mitragyna Alkaloids (UHPLC-DAD) | | Method Code: T102 | | Tested: 23JUL2024 1756 | |
|---------------------------------|----------------|--|---------|--------------------------|-------|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
| Mitragynine | Report Results | 48.7 | mg/unit | 0.15 | N/A |
| 7-Hydroxymitragynine | Report Results | <loq< td=""><td>mg/unit</td><td>0.04</td><td>N/A</td></loq<> | mg/unit | 0.04 | N/A |
| Paynantheine | Report Results | 6.15 | mg/unit | 0.15 | N/A |
| Speciogynine | Report Results | 4.19 | mg/unit | 0.15 | N/A |
| Speciociliatine | Report Results | 2.63 | mg/unit | 0.15 | N/A |
| Total Mitragyna Alkaloids | Report Results | 61.6 | mg/unit | 0.15 | N/A |

| Mitragyna Alkaloids (UHPLC-DAD) | Method Code: T102 | Tested: 23JUL2024 1756 |
|---------------------------------|-------------------|--------------------------|
| | | |

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---------------------------|----------------|--|------|-------|-------|
| Mitragynine | Report Results | 0.973 | w/w% | 0.003 | N/A |
| 7-Hydroxymitragynine | Report Results | <loq< td=""><td>w/w%</td><td>0.001</td><td>N/A</td></loq<> | w/w% | 0.001 | N/A |
| Paynantheine | Report Results | 0.123 | w/w% | 0.003 | N/A |
| Speciogynine | Report Results | 0.084 | w/w% | 0.003 | N/A |
| Speciociliatine | Report Results | 0.053 | w/w% | 0.003 | N/A |
| Total Mitragyna Alkaloids | Report Results | 1.23 | w/w% | 0.003 | N/A |

Elemental Impurities (ICP-MS) Method Code: T301 Tested: 24JUL2024 | 1605

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|-----------|---------------|--------|------|--------|-------|
| Arsenic | NMT 1.5 | 0.029 | ug/g | 0.0060 | PASS |
| Cadmium | NMT 0.5 | 0.0020 | ug/g | 0.0020 | PASS |
| Lead | NMT 0.5 | 0.35 | ug/g | 0.0020 | PASS |
| Mercury | NMT 3.0 | 0.012 | ug/g | 0.0020 | PASS |

Microbiological Examination

This report, prepared by Cora Science, LLC, shall not be reproduced except in its entirety without prior written approval. All test articles are analyzed as received and the results relate only to the specific sample of material or product analyzed. Test methods are performed in a laboratory accredited to ISO/IEC 17025:2017 in the field of testing by PJLA (Accreditation #116374) or a registered outsourcing facility. Some test methods reported may fall outside the scope of L22-250 supplement.

Method Code: T005

Tested: 22JUL2024 | 1645

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---------------------------|--------------------------|--------------|----------|----------------|-------|
| Total Aerobic Plate Count | 10,000,000 CFU/gram | Not Detected | CFU/gram | 10 CFU/gram | PASS |
| Total Yeast & Mold | 100,000 CFU/gram | Not Detected | CFU/gram | 10 CFU/gram | PASS |
| Total Coliforms | 10,000 CFU/gram | Not Detected | CFU/gram | 10 CFU/gram | PASS |
| Escherichia coli | Not Detected in 10 grams | Not Detected | N/A | 1 CFU/10 grams | PASS |
| Salmonella | Not Detected in 10 grams | Not Detected | N/A | 1 CFU/10 grams | PASS |

Residual Solvents: Class I (GC-MS) **Method Code: T201** Tested: 23JUL2024 | 2157 **RESULT UNIT PARAMETER SPECIFICATION** LOQ **NOTES** 8 TMN 1,1-Dichloroethene <LOQ 0.40 **PASS** ug/g 1,1,1-Trichloroethane **PASS** NMT 1500 <LOQ ug/g 75.0 Tetrachloromethane NMT 4 **PASS** <LOQ ug/g 0.20 Benzene NMT 2 <LOQ ug/g 0.10 PASS

Residual Solvents: Class II (GC-MS) Method Code: T201 Tested: 23JUL2024 | 2157

<LOQ

NMT 5

0.25

ug/g

PASS

1,2-Dichloroethane

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|-------------------------|---------------|---|------|-------|-------|
| 1ethanol | NMT 3000 | <loq< td=""><td>ug/g</td><td>94</td><td>PASS</td></loq<> | ug/g | 94 | PASS |
| Acetonitrile | NMT 410 | <loq< td=""><td>ug/g</td><td>20.5</td><td>PASS</td></loq<> | ug/g | 20.5 | PASS |
| Dichloromethane | NMT 600 | <loq< td=""><td>ug/g</td><td>30.0</td><td>PASS</td></loq<> | ug/g | 30.0 | PASS |
| .,2-Dichloroethene, (E) | NMT 1870 | <loq< td=""><td>ug/g</td><td>93.5</td><td>PASS</td></loq<> | ug/g | 93.5 | PASS |
| .,2-Dichloroethene, (Z) | NMT 1870 | <loq< td=""><td>ug/g</td><td>93.5</td><td>PASS</td></loq<> | ug/g | 93.5 | PASS |
| etrahydrofuran | NMT 720 | <loq< td=""><td>ug/g</td><td>36.0</td><td>PASS</td></loq<> | ug/g | 36.0 | PASS |
| Cyclohexane | NMT 3880 | <loq< td=""><td>ug/g</td><td>194</td><td>PASS</td></loq<> | ug/g | 194 | PASS |
| 1ethylcyclohexane | NMT 1180 | <loq< td=""><td>ug/g</td><td>59.0</td><td>PASS</td></loq<> | ug/g | 59.0 | PASS |
| .,4-Dioxane | NMT 380 | <loq< td=""><td>ug/g</td><td>19.0</td><td>PASS</td></loq<> | ug/g | 19.0 | PASS |
| ōluene | NMT 890 | <loq< td=""><td>ug/g</td><td>44.5</td><td>PASS</td></loq<> | ug/g | 44.5 | PASS |
| Chlorobenzene | NMT 360 | <loq< td=""><td>ug/g</td><td>18.0</td><td>PASS</td></loq<> | ug/g | 18.0 | PASS |
| thylbenzene | NMT 2170 | <loq< td=""><td>ug/g</td><td>109</td><td>PASS</td></loq<> | ug/g | 109 | PASS |
| /p-Xylene | NMT 2170 | <loq< td=""><td>ug/g</td><td>109</td><td>PASS</td></loq<> | ug/g | 109 | PASS |
| n-Xylene | NMT 2170 | <loq< td=""><td>ug/g</td><td>109</td><td>PASS</td></loq<> | ug/g | 109 | PASS |
| sopropylbenzene | NMT 70 | <loq< td=""><td>ug/g</td><td>3.50</td><td>PASS</td></loq<> | ug/g | 3.50 | PASS |
| lexane | NMT 290 | <loq< td=""><td>ug/g</td><td>14.5</td><td>PASS</td></loq<> | ug/g | 14.5 | PASS |
| litromethane | NMT 50 | <loq< td=""><td>ug/g</td><td>2.50</td><td>PASS</td></loq<> | ug/g | 2.50 | PASS |
| Chloroform | NMT 60 | <loq< td=""><td>ug/g</td><td>3.00</td><td>PASS</td></loq<> | ug/g | 3.00 | PASS |
| .,2-Dimethoxyethane | NMT 100 | <loq< td=""><td>ug/g</td><td>5.00</td><td>PASS</td></loq<> | ug/g | 5.00 | PASS |
| richloroethene | NMT 80 | <loq< td=""><td>ug/g</td><td>4.00</td><td>PASS</td></loq<> | ug/g | 4.00 | PASS |
| Pyridine | NMT 200 | <loq< td=""><td>ug/g</td><td>10.00</td><td>PASS</td></loq<> | ug/g | 10.00 | PASS |
| -Hexanone | NMT 50 | <loq< td=""><td>ug/g</td><td>2.50</td><td>PASS</td></loq<> | ug/g | 2.50 | PASS |
| ētralin | NMT 100 | <loq< td=""><td>ug/g</td><td>5.00</td><td>PASS</td></loq<> | ug/g | 5.00 | PASS |

Residual Solvents: Class III (GC-MS) Method Code: T201 Tested: 23JUL2024 | 2157

Work Order ID: ISO02286 - Sample Id: I05387 - Received Date: 22JUL2024 - Issued Date: 24JUL2024 - Page: 3

| | Work Order ID: 13002200 Sample Id: 103307 | Necerved Date: 22,012021 | i issued Date. 2 ijo22 | ozi rage. s | |
|-------------------------|---|---|------------------------|-------------|-------|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
| Pentane | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Ethanol | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Diethyl Ether | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Acetone | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Ethyl Formate | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Isopropanol | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Methyl Acetate | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Methyl tert-Butyl Ether | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| 1-Propanol | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| 2-Butanone | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Ethyl Acetate | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| 2-Butanol | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| 2-Methyl-1-Propanol | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Isopropyl Acetate | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Heptane | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| 1-Butanol | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Propyl Acetate | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| 4-Methyl-2-Pentanone | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Isoamyl Alcohol | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Isobutyl Acetate | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| 1-Pentanol | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Butyl Acetate | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Dimethylsulfoxide | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| Anisole | NMT 5000 | <loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<> | ug/g | 250 | PASS |
| | | | | | |

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a customer specified unit weight of 5.00 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

Signature:

This report has been authorized for release from Cora Science by:

Position: Jele West

Department: Management 24JUL2024 Date: Tyler West Name:

Laboratory Director

Certificate of Analysis



Customer Information

Client: Prof Whyte's Kratom **Attention:** (954) 470-1891

Address: 7901 SW 6th Ct, Suite 250B

Plantation, FL 33324

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 Raspberry Gummies

Lot Number: 032450001

Description: Botanical-infused gummy candy

Condition: Good

Job ID: ISO01919

Sample ID: I04228

Received: 10APR2024

Completed: 11APR2024

Issued: 11APR2024

Test Results

| Mitragyna Alkaloids (UHPLC-DAD) | | Method Code: T102 | | Tested: 11APR2024 0021 | |
|---------------------------------|----------------|-------------------|---------|--------------------------|-------|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
| Mitragynine | Report Results | 52.5 | mg/unit | 0.10 | N/A |
| 7-Hydroxymitragynine | Report Results | 0.201 | mg/unit | 0.05 | N/A |
| Paynantheine | Report Results | 5.62 | mg/unit | 0.10 | N/A |
| Speciogynine | Report Results | 3.59 | mg/unit | 0.10 | N/A |
| Speciociliatine | Report Results | 25.6 | mg/unit | 0.10 | N/A |
| Total Mitragyna Alkaloids | Report Results | 87.5 | mg/unit | 0.10 | N/A |

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 11APR2024 | 0021

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---------------------------|----------------|--------|------|-------|-------|
| Mitragynine | Report Results | 1.21 | w/w% | 0.002 | N/A |
| 7-Hydroxymitragynine | Report Results | 0.005 | w/w% | 0.001 | N/A |
| Paynantheine | Report Results | 0.130 | w/w% | 0.002 | N/A |
| Speciogynine | Report Results | 0.083 | w/w% | 0.002 | N/A |
| Speciociliatine | Report Results | 0.591 | w/w% | 0.002 | N/A |
| Total Mitragyna Alkaloids | Report Results | 2.02 | w/w% | 0.002 | N/A |

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 4.325 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: July West

Name: Tyler West

Position: Laboratory Director

Department: Management **Date:** 11APR2024