

Certificate of Analysis



CUSTOMER INFORMATION

Client Name: Evolution Distro
 Address: Hallandale Beach, FL 33009
 Phone Number:

TESTING FACILITY

Cora Science, LLC
 8000 Anderson Square, STE 113
 Austin, Texas 78757
 (512) 856-5007
 info@corascience.com

SAMPLE IMAGE(S)



JOB / SAMPLE INFORMATION

Received: 10 JUL 2023
 Condition: Good
 Job ID: ISO01317
 Sample ID: I02002
 Sample Name: 0701
 Lot 0701
 Description: Liquid botanical extract
 Completed: 12 JUL 2023
 Issued: 12 JUL 2023

TEST RESULT(S)

| Mitrargyna Alkaloids Assay (UHPLC-DAD) | | Method Code: | T102 | Tested: 12JUL2023 0303 | |
|--|----------------|--------------|------|--------------------------|-------|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
| Mitragynine | Report Results | 1.18 | w/w% | 0.018 | N/A |
| 7-Hydroxymitragynine | Report Results | <LOQ | w/w% | 0.018 | N/A |
| Paynantheine | Report Results | 0.220 | w/w% | 0.018 | N/A |
| Speciogynine | Report Results | 0.197 | w/w% | 0.018 | N/A |
| Speciociliatine | Report Results | 0.326 | w/w% | 0.018 | N/A |
| Total Mitrargyna Alkaloids | Report Results | 1.92 | w/w% | 0.018 | N/A |

| Mitrargyna Alkaloids Assay (UHPLC-DAD) | | Method Code: | T102 | Tested: 12JUL2023 0303 | |
|--|----------------|--------------|-------|--------------------------|-------|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
| Mitragynine | Report Results | 12.5 | mg/mL | 0.20 | N/A |
| 7-Hydroxymitragynine | Report Results | <LOQ | mg/mL | 0.20 | N/A |
| Paynantheine | Report Results | 2.34 | mg/mL | 0.20 | N/A |
| Speciogynine | Report Results | 2.09 | mg/mL | 0.20 | N/A |
| Speciociliatine | Report Results | 3.47 | mg/mL | 0.20 | N/A |
| Total Mitrargyna Alkaloids | Report Results | 20.4 | mg/mL | 0.20 | N/A |

| Elemental Impurities (ICP-MS) | | Method Code: | T301 | Tested: 11JUL2023 1302 | |
|-------------------------------|----------------|--------------|--------|--------------------------|-------|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
| Arsenic | NMT 10 ug/day | 0.60 | ug/day | 0.49 | PASS |
| Cadmium | NMT 4.1 ug/day | <LOQ | ug/day | 0.095 | PASS |
| Lead | NMT 6 ug/day | 0.75 | ug/day | 0.095 | PASS |
| Mercury | NMT 2 ug/day | <LOQ | ug/day | 0.095 | PASS |

| Microbiological Examination | | Method Code: | T005 | Tested: 10JUL2023 1630 | |
|-----------------------------|-------------------------|--------------|----------|--------------------------|-------|
| 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 |
| <i>Escherichia coli</i> | Not Detected in 5 grams | Not Detected | N/A | 1 CFU/5 grams | PASS |
| <i>Salmonella</i> | Not Detected in 5 grams | Not Detected | N/A | 1 CFU/5 grams | PASS |

| pH (Acidified Food) | | Method Code: | T402 | Tested: 12JUL2023 1119 | |
|---------------------|--------|--------------|-------|--------------------------|--|
| PARAMETER | RESULT | RANGE | NOTES | | |
| pH | 5.18 | 2 - 12 | N/A | | |

ADDITIONAL REPORT NOTES


T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.064 g/mL. T301 performed by a registered outsourcing facility. T301 result, unit, and LOQ converted from ug/g to ug/day using client-specified maximum permitted daily exposure of 5.0 g/day.

REVISION HISTORY

rev00 Initial release.

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

Signature:



Department:

Management

Name:

Tyler West, Laboratory Director

Date:

12 JUL 2023

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