

Certificate of Analysis



Customer Information

Client: Happy Hippo LLC
Attention: [REDACTED]
Address: 2145 E Pine Ave
 Meridian, ID 83642

Testing Facility

Lab: Cora Science, LLC
Address: 8000 Anderson Square, STE 113
 Austin, Texas 78757
Contact: [REDACTED]

Sample Image(s)



Sample Information

Name: SASSY HIPPO (103) Y.INDO-1-8
Lot Number: [REDACTED]-0125
Description: Finely ground plant material
Condition: Good
Job ID: ISO03414
Sample ID: I08738
Received: 24FEB2025
Completed: 02MAR2025
Issued: 03MAR2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 02MAR2025 | 0522

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---------------------------|----------------|--------|------|-------|-------|
| Mitragynine | Report Results | 1.482 | w/w% | 0.011 | N/A |
| 7-Hydroxymitragynine | Report Results | 0.007 | w/w% | 0.003 | N/A |
| Paynantheine | Report Results | 0.263 | w/w% | 0.011 | N/A |
| Speciogynine | Report Results | 0.206 | w/w% | 0.011 | N/A |
| Speciociliatine | Report Results | 0.379 | w/w% | 0.011 | N/A |
| Total Mitragyna Alkaloids | Report Results | 2.34 | w/w% | 0.011 | N/A |

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 26FEB2025 | 1324

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|-----------|---------------|--------|------|-------|-------|
| Arsenic | NMT 2.00 | 0.233 | ug/g | 0.006 | PASS |
| Cadmium | NMT 0.50 | 0.017 | ug/g | 0.002 | PASS |
| Mercury | NMT 0.20 | 0.045 | ug/g | 0.002 | PASS |
| Lead | NMT 5.00 | 0.828 | ug/g | 0.002 | PASS |

Microbiological Examination

Method Code: T005

Tested: 26FEB2025 | 1520

| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
|---------------------------|----------------------|--------------|------|--------------|-------|
| Total Aerobic Plate Count | 10,000,000 CFU / g | 2,333 | N/A | 20 CFU / g | PASS |
| Total Yeast and Mold | 100,000 CFU / g | 100 | N/A | 20 CFU / g | PASS |
| Total Coliforms | 10,000 CFU / g | Not Detected | N/A | 20 CFU / g | PASS |
| Escherichia coli | Not Detected in 10 g | Not Detected | N/A | 1 CFU / 10 g | PASS |
| Salmonella | Not Detected in 25 g | Not Detected | N/A | 1 CFU / 25 g | PASS |

Additional Report Notes

N/A

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:

03MAR2025