

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: SMILEY HORNED HIPPO (287) RH-1-8
Lot Number: [REDACTED]-0125
Description: Finely ground plant material
Condition: Good
Job ID: ISO03414
Sample ID: I08736
Received: 24FEB2025
Completed: 02MAR2025
Issued: 03MAR2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 02MAR2025 | 0336

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.374	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	0.004	w/w%	0.003	N/A
Paynantheine	Report Results	0.253	w/w%	0.011	N/A
Speciogynine	Report Results	0.193	w/w%	0.011	N/A
Speciociliatine	Report Results	0.361	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.19	w/w%	0.011	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 26FEB2025 | 1311

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.207	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.019	ug/g	0.002	PASS
Mercury	NMT 0.20	0.009	ug/g	0.002	PASS
Lead	NMT 5.00	0.601	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	3,727	N/A	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	80	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