



Certificate of Analysis

Customer Information

Client: Happy Hippo LLC
Attention: [REDACTED]@happyhippo.com
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]
[REDACTED]

Sample Image(s)



Sample Information

Name: Sunshine Hippo (YMD) 0105-01-342
Lot Number: 009593-1225
Description: Finely ground plant material
Condition: Good
Job ID: ISO05943
Sample ID: I16547
Received: 12JAN2026
Completed: 16JAN2026
Issued: 16JAN2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 16JAN2026 0319		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	1.23	w/w%	0.0054	N/A	
7-Hydroxymitragynine	Report Results	0.00627	w/w%	0.0014	N/A	
Paynantheine	Report Results	0.231	w/w%	0.0054	N/A	
Speciogynine	Report Results	0.169	w/w%	0.0054	N/A	
Speciociliatine	Report Results	0.408	w/w%	0.0054	N/A	
Total Mitragyna Alkaloids	Report Results	2.05	w/w%	0.0054	N/A	

Elemental Impurities (ICP-MS)		Method Code: T301		Tested: 13JAN2026 1256		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Arsenic	NMT 2.00	0.240	ug/g	0.006	PASS	
Cadmium	NMT 0.50	0.074	ug/g	0.002	PASS	
Mercury	NMT 0.20	0.013	ug/g	0.002	PASS	
Lead	NMT 5.00	0.217	ug/g	0.002	PASS	

Microbiological Examination		Method Code: T005		Tested: 12JAN2026 1621		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	930	CFU/g	20 CFU/g	PASS	
Total Yeast and Mold	NMT 100,000 CFU/g	80	CFU/g	20 CFU/g	PASS	
Total Coliforms	NMT 10,000 CFU/g	<LOQ	CFU/g	20 CFU/g	PASS	
Escherichia coli	Not Detected in 25 g	Not Detected	N/A	1 CFU/25g	PASS	
Salmonella spp.	Not Detected in 25 g	Not Detected	N/A	1 CFU/25g	PASS	

Additional Report Notes

N/A

Revision History

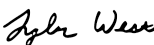
rev 00 - Initial release.

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
Name:	Tyler West	Department:	Management
		Date:	16JAN2026