



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]

Sample Image(s)



Sample Information

Name: Hyper Hippo 0083-01-1019
Lot Number: 1393-0526
Description: Finely ground plant material
Condition: Good
Job ID: ISO07308
Sample ID: I20434
Received: 04JUN2026
Completed: 10JUN2026
Issued: 10JUN2026

Test Results

Moisture Content		Method Code: T505		Tested: 08JUN2026 1455		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Moisture	Report Results	4.19	%	0.1	N/A	

Microbial Examination		Method Code: T005		Tested: 10JUN2026 1401		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	20	CFU/g	20 CFU/g	PASS	
Total Yeast and Mold	NMT 100,000 CFU/g	140	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 10 g	Not Detected	N/A	1 CFU/10g	PASS	
Salmonella spp.	Not Detected in 10 g	Not Detected	N/A	1 CFU/10g	PASS	

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 06JUN2026 1937		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	1.40	w/w%	0.0053	N/A	
7-Hydroxymitragynine	Report Results	0.00421	w/w%	0.00071	N/A	
Mitragynine Pseudoindoxyl	Report Results	<LOQ	w/w%	0.0053	N/A	
Mitraciliatine	Report Results	0.0592	w/w%	0.0053	N/A	
Speciociliatine	Report Results	0.428	w/w%	0.0053	N/A	
Speciogynine	Report Results	0.207	w/w%	0.0053	N/A	
Paynantheine	Report Results	0.272	w/w%	0.0053	N/A	
Coryantheidine	Report Results	0.0225	w/w%	0.0053	N/A	
Corynoxine	Report Results	0.0426	w/w%	0.0053	N/A	
Isorhynchophylline	Report Results	0.0150	w/w%	0.0053	N/A	
Mitraphylline	Report Results	<LOQ	w/w%	0.0053	N/A	

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Mitragyna Alkaloids	Report Results	2.46	w/w%	0.0053	N/A

Elemental Impurities (ICP-MS)		Method Code: T301		Tested: 09JUN2026 1137	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.275	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.018	ug/g	0.002	PASS
Mercury	NMT 0.20	0.019	ug/g	0.002	PASS
Lead	NMT 5.00	0.617	ug/g	0.002	PASS

7-Hydroxymitragynine Limit (0.04%)		Method Code: 813		Tested: 08JUN2026 1455	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	44	ppm	7	PASS

Additional Report Notes

T813 results are reported on a dry-weight basis (DWB). Reported values converted from T102 results using the laboratory-measured moisture content by T505 for each sample:
DWB w/w% = (as-received w/w%) ÷ (1 – moisture%/100).

Revision History

Report ID: cb03dd61-7e0b-406b-858c-eb78277a9814
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:	10JUN2026