

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]  
[REDACTED]

Sample Image(s)



Sample Information

**Name:** RT - 1-8 (238)  
**Lot Number:** [REDACTED]0125  
**Description:** Finely ground plant material  
**Condition:** Good  
**Job ID:** ISO03387  
**Sample ID:** I08648  
**Received:** 20FEB2025  
**Completed:** 28FEB2025  
**Issued:** 28FEB2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)Method Code: T102Tested: 28FEB2025 | 0006

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.39	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	0.005	w/w%	0.003	N/A
Paynantheine	Report Results	0.254	w/w%	0.011	N/A
Speciogynine	Report Results	0.196	w/w%	0.011	N/A
Speciociliatine	Report Results	0.328	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.17	w/w%	0.011	N/A

Elemental Impurities (ICP-MS)Method Code: T301Tested: 26FEB2025 | 1237

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.273	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.019	ug/g	0.002	PASS
Mercury	NMT 0.20	0.023	ug/g	0.002	PASS
Lead	NMT 5.00	0.375	ug/g	0.002	PASS

Microbiological ExaminationMethod Code: T005Tested: 24FEB2025 | 1450

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	1,500	N/A	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	20	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

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# 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:

<b>Signature:</b>		<b>Position:</b>	Laboratory Director
		<b>Department:</b>	Management
<b>Name:</b>	Tyler West	<b>Date:</b>	28FEB2025