

# Certificate of Analysis



## Customer Information

**Client:** Pharmed Innovations LLC  
**Attention:** pharmedinnovations@gmail.com  
**Address:** 1202 South Sheridan Rd.  
 Tulsa, OK 74112

## Testing Facility

**Lab:** Cora Science, LLC  
**Address:** 8000 Anderson Square, STE 113  
 Austin, Texas 78757  
**Contact:** info@corascience.com  
 (512) 856-5007

## Sample Image(s)



## Sample Information

**Name:** Markava Mango Passion  
**Lot Number:** 111524-Markava-MP01  
**Description:** Ready-to-drink botanical infused beverage  
**Condition:** Good  
**Job ID:** ISO02818  
**Sample ID:** I07051  
**Received:** 18NOV2024  
**Completed:** 19NOV2024  
**Issued:** 19NOV2024

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 19NOV2024 | 0556

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	17.5	mg/unit	0.27	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.07	N/A
Paynantheine	Report Results	3.28	mg/unit	0.27	N/A
Speciogynine	Report Results	2.36	mg/unit	0.27	N/A
Speciociliatine	Report Results	4.20	mg/unit	0.27	N/A
Total Mitragyna Alkaloids	Report Results	27.3	mg/unit	0.27	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 19NOV2024 | 0556

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.00485	w/w%	0.00007	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.00002	N/A
Paynantheine	Report Results	0.00091	w/w%	0.00007	N/A
Speciogynine	Report Results	0.00065	w/w%	0.00007	N/A
Speciociliatine	Report Results	0.00116	w/w%	0.00007	N/A
Total Mitragyna Alkaloids	Report Results	0.0076	w/w%	0.00007	N/A

### Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 19NOV2024 | 1014

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.50	<LOQ	ug/g	0.006	PASS
Cadmium	NMT 0.50	<LOQ	ug/g	0.002	PASS
Mercury	NMT 0.20	<LOQ	ug/g	0.002	PASS
Lead	NMT 0.50	<LOQ	ug/g	0.002	PASS

## Additional Report Notes

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T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.017 g/mL and package specified fill volume of 355.0 mL.

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## Revision History

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rev 00 - Initial release.

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## Abbreviations

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**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


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## Authorization

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This report has been authorized for release from Cora Science by:

**Signature:**



**Position:**

Laboratory Director

**Department:**

Management

**Name:**

Tyler West

**Date:**

19NOV2024