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 Citrus Breeze
Lot Number: 010825-markava-CB01

Description: Ready-to-drink botanical infused beverage

Condition: Good

Job ID: ISO03089

Sample ID: I07912

Received: 09JAN2025

Completed: 10JAN2025

Issued: 10JAN2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 10JAN2025 | 1140

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	26.0	mg/unit	0.28	N/A
7-Hydroxymitragynine	Report Results	0.610	mg/unit	0.07	N/A
Mitragynine Pseudoindoxyl	Report Results	<l00< td=""><td>mg/unit</td><td>0.25</td><td>N/A</td></l00<>	mg/unit	0.25	N/A
Mitraciliatine	Report Results	0.601	mg/unit	0.28	N/A
Speciociliatine	Report Results	5.11	mg/unit	0.28	N/A
Speciogynine	Report Results	3.11	mg/unit	0.28	N/A
Paynantheine	Report Results	4.60	mg/unit	0.28	N/A
Corynoxine	Report Results	<loq< td=""><td>mg/unit</td><td>0.18</td><td>N/A</td></loq<>	mg/unit	0.18	N/A
Isorhynchophylline	Report Results	<loq< td=""><td>mg/unit</td><td>0.18</td><td>N/A</td></loq<>	mg/unit	0.18	N/A
Mitraphylline	Report Results	<loq< td=""><td>mg/unit</td><td>1.01</td><td>N/A</td></loq<>	mg/unit	1.01	N/A
Total Mitragyna Alkaloids	Report Results	40.0	mg/unit	0.28	N/A

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 10JAN2025 | 1140

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.00714	w/w%	0.00008	N/A
7-Hydroxymitragynine	Report Results	0.00017	w/w%	0.00002	N/A
Mitragynine Pseudoindoxyl	Report Results	<loq< td=""><td>w/w%</td><td>0.00007</td><td>N/A</td></loq<>	w/w%	0.00007	N/A
Mitraciliatine	Report Results	0.00017	w/w%	80000.0	N/A
Speciociliatine	Report Results	0.00140	w/w%	80000.0	N/A
Speciogynine	Report Results	0.00085	w/w%	80000.0	N/A
Paynantheine	Report Results	0.00126	w/w%	0.00008	N/A
Corynoxine	Report Results	<loq< td=""><td>w/w%</td><td>0.00005</td><td>N/A</td></loq<>	w/w%	0.00005	N/A
Isorhynchophylline	Report Results	<loq< td=""><td>w/w%</td><td>0.00005</td><td>N/A</td></loq<>	w/w%	0.00005	N/A
Mitraphylline	Report Results	<loq< td=""><td>w/w%</td><td>0.00005</td><td>N/A</td></loq<>	w/w%	0.00005	N/A
Total Mitragyna Alkaloids	Report Results	0.01100	w/w%	0.00008	N/A

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.025 g/mL and package specified fill volume of 355.0 mL.

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

Laboratory Director

Authorization

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

Signature: Aghr Wess Position:

Name: Tyler West Department: Management 10JAN2025