

Certificate of Analysis



Customer Information

Client: CTX Distribution LLC
Attention: (945) 244-4591
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Stafford, TX 77477

Testing Facility

Lab: Cora Science, LLC
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Austin, Texas 78757
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Sample Information

Name: 7 StarMaxx
Lot Number: 210
Description: Pressed Tablet
Condition: Good
Job ID: ISO03826
Sample ID: I09947
Received: 21APR2025
Completed: 25APR2025
Issued: 28APR2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 25APR2025 | 1959

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	3.97	mg/unit	0.016	N/A
7-Hydroxymitragynine	Report Results	55.6	mg/unit	0.016	N/A
Mitragynine Pseudoindoxyl	Report Results	0.786	mg/unit	0.016	N/A
Mitraciliatine	Report Results	<LOQ	mg/unit	0.016	N/A
Speciociliatine	Report Results	0.115	mg/unit	0.016	N/A
Speciogynine	Report Results	0.188	mg/unit	0.016	N/A
Paynantheine	Report Results	0.248	mg/unit	0.016	N/A
Corynoxine	Report Results	<LOQ	mg/unit	0.016	N/A
Isorhynchophylline	Report Results	<LOQ	mg/unit	0.016	N/A
Mitraphylline	Report Results	<LOQ	mg/unit	0.016	N/A
Total Mitragyna Alkaloids	Report Results	60.9	mg/unit	0.016	N/A

Mitragyna Alkaloids (UHPLC-DAD) Method Code: T102 Tested: 25APR2025 | 1959

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.729	w/w%	0.003	N/A
7-Hydroxymitragynine	Report Results	8.80	w/w%	0.003	N/A
Mitragynine Pseudoindoxyl	Report Results	0.145	w/w%	0.003	N/A
Mitraciliatine	Report Results	<LOQ	w/w%	0.003	N/A
Speciociliatine	Report Results	0.0211	w/w%	0.003	N/A
Speciogynine	Report Results	0.0347	w/w%	0.003	N/A
Paynantheine	Report Results	0.0457	w/w%	0.003	N/A
Corynoxine	Report Results	<LOQ	w/w%	0.003	N/A
Isorhynchophylline	Report Results	<LOQ	w/w%	0.003	N/A
Mitraphylline	Report Results	<LOQ	w/w%	0.003	N/A
Total Mitragyna Alkaloids	Report Results	9.78	w/w%	0.003	N/A

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Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.544 grams.

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
		Department:	Management
Name:	Tyler West	Date:	28APR2025