



Certificate of Analysis

Customer Information

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 San Francisco, CA 94109

Testing Facility

Lab: Cora Science, LLC
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 Austin, Texas 78757
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Sample Image(s)



Sample Information

Name: Limitless 100mg Mango 7-OH tablet
Lot Number: 2026-03
Description: Pressed tablet
Condition: Good
Job ID: ISO06537
Sample ID: I18243
Received: 12MAR2026
Completed: 18MAR2026
Issued: 20MAR2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 16MAR2026 | 1133

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.555	mg/unit	0.027	N/A
7-Hydroxymitragynine	Report Results	71.7	mg/unit	0.0036	N/A
Mitragynine Pseudoindoxyl	Report Results	1.05	mg/unit	0.027	N/A
Mitraciliatine	Report Results	<LOQ	mg/unit	0.027	N/A
Speciociliatine	Report Results	0.145	mg/unit	0.027	N/A
Speciogynine	Report Results	0.397	mg/unit	0.027	N/A
Paynantheine	Report Results	0.438	mg/unit	0.027	N/A
Coryantheidine	Report Results	0.0779	mg/unit	0.027	N/A
Corynoxine	Report Results	0.303	mg/unit	0.027	N/A
Isorhynchophylline	Report Results	<LOQ	mg/unit	0.027	N/A
Mitraphylline	Report Results	<LOQ	mg/unit	0.027	N/A
Total Mitragyna Alkaloids	Report Results	74.7	mg/unit	0.027	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 16MAR2026 | 1133

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.105	w/w%	0.0051	N/A
7-Hydroxymitragynine	Report Results	13.5	w/w%	0.00068	N/A
Mitragynine Pseudoindoxyl	Report Results	0.198	w/w%	0.0051	N/A
Mitraciliatine	Report Results	<LOQ	w/w%	0.0051	N/A
Speciociliatine	Report Results	0.0272	w/w%	0.0051	N/A
Speciogynine	Report Results	0.0747	w/w%	0.0051	N/A
Paynantheine	Report Results	0.0825	w/w%	0.0051	N/A
Coryantheidine	Report Results	0.0147	w/w%	0.0051	N/A

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Corynoxine	Report Results	0.0570	w/w%	0.0051	N/A
Isorhynchophylline	Report Results	<LOQ	w/w%	0.0051	N/A
Mitraphylline	Report Results	<LOQ	w/w%	0.0051	N/A
Total Mitragyna Alkaloids	Report Results	14.1	w/w%	0.0051	N/A

Assay (w/w%) [UHPLC-DAD]

Method Code: T100

Tested: 16MAR2026 | 0603

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Dihydro-7-hydroxymitragynine	Report Results	0.523	mg/unit	0.029	N/A

Assay (w/w%) [UHPLC-DAD]

Method Code: T100

Tested: 16MAR2026 | 0603

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Dihydro-7-hydroxymitragynine	Report Results	0.0985	w/w%	0.0054	N/A

Residual Solvents: Class I (GC-MS)

Method Code: T201

Tested: 18MAR2026 | 0610

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
1,1-Dichloroethene	NMT 8	<LOQ	ug/g	0.40	PASS
1,1,1-Trichloroethane	NMT 1500	<LOQ	ug/g	75	PASS
Tetrachloromethane	NMT 4	<LOQ	ug/g	0.20	PASS
Benzene	NMT 2	<LOQ	ug/g	0.10	PASS
1,2-Dichloroethane	NMT 5	<LOQ	ug/g	0.25	PASS

Residual Solvents: Class II (GC-MS)

Method Code: T201

Tested: 18MAR2026 | 0610

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Methanol	NMT 3000	<LOQ	ug/g	75	PASS
Acetonitrile	NMT 410	<LOQ	ug/g	41	PASS
Dichloromethane	NMT 600	<LOQ	ug/g	15	PASS
1,2-Dichloroethene, (E)	NMT 1870	<LOQ	ug/g	46.75	PASS
1,2-Dichloroethene, (Z)	NMT 1870	<LOQ	ug/g	46.75	PASS
Tetrahydrofuran	NMT 720	<LOQ	ug/g	18	PASS
Cyclohexane	NMT 3880	<LOQ	ug/g	97	PASS
Methylcyclohexane	NMT 1180	<LOQ	ug/g	29.5	PASS
1,4-Dioxane	NMT 380	<LOQ	ug/g	38	PASS
Toluene	NMT 890	<LOQ	ug/g	22.25	PASS
Chlorobenzene	NMT 360	<LOQ	ug/g	9	PASS
Ethylbenzene	NMT 2170	<LOQ	ug/g	54.25	PASS
o/p-Xylene	NMT 2170	<LOQ	ug/g	54.25	PASS
m-Xylene	NMT 2170	<LOQ	ug/g	54.25	PASS
Isopropylbenzene	NMT 70	4.41	ug/g	1.75	PASS
Hexane	NMT 290	<LOQ	ug/g	7.25	PASS
Nitromethane	NMT 50	<LOQ	ug/g	1.25	PASS
Chloroform	NMT 60	<LOQ	ug/g	1.5	PASS
1,2-Dimethoxyethane	NMT 100	<LOQ	ug/g	2.5	PASS
Trichloroethene	NMT 80	<LOQ	ug/g	2	PASS
Pyridine	NMT 200	<LOQ	ug/g	5	PASS
2-Hexanone	NMT 50	<LOQ	ug/g	5	PASS

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Tetralin	NMT 100	<LOQ	ug/g	2.5	PASS
Total Xylenes	NMT 2170	<LOQ	ug/g	54	PASS

Residual Solvents: Class III (GC-MS)

Method Code: T201

Tested: 18MAR2026 | 0610

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Pentane	NMT 5000	<LOQ	ug/g	125	PASS
Ethanol	NMT 5000	<LOQ	ug/g	125	PASS
Diethyl Ether	NMT 5000	<LOQ	ug/g	125	PASS
Acetone	NMT 5000	240	ug/g	125	PASS
Ethyl Formate	NMT 5000	<LOQ	ug/g	125	PASS
Isopropanol	NMT 5000	<LOQ	ug/g	125	PASS
Methyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
Methyl tert-Butyl Ether	NMT 5000	<LOQ	ug/g	125	PASS
1-Propanol	NMT 5000	<LOQ	ug/g	125	PASS
2-Butanone	NMT 5000	<LOQ	ug/g	125	PASS
Ethyl Acetate	NMT 5000	864	ug/g	125	PASS
2-Butanol	NMT 5000	<LOQ	ug/g	125	PASS
2-Methyl-1-Propanol	NMT 5000	<LOQ	ug/g	125	PASS
Isopropyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
Heptane	NMT 5000	<LOQ	ug/g	125	PASS
1-Butanol	NMT 5000	<LOQ	ug/g	125	PASS
Propyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
4-Methyl-2-Pentanone	NMT 5000	<LOQ	ug/g	125	PASS
Isoamyl Alcohol	NMT 5000	<LOQ	ug/g	125	PASS
Isobutyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
1-Pentanol	NMT 5000	<LOQ	ug/g	125	PASS
Butyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
Anisole	NMT 5000	<LOQ	ug/g	125	PASS
Dimethylsulfoxide	NMT 5000	<LOQ	ug/g	125	PASS

Additional Report Notes

T102E result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.531 grams.

Revision History

Report ID: fc422b47-3fbd-4c3f-afe2-3d8644101699
 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

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Authorization

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

Signature:	<i>Tyler West</i>	Position:	Laboratory Director
Name:	Tyler West	Department:	Management
		Date:	20MAR2026