



Certificate of Analysis

Customer Information		Testing Facility	
Client:	Spider Extracts	Lab:	Cora Science, LLC
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Sample Image(s)	Sample Information	
	Name:	Orange
	Lot Number:	001
	Description:	Pressed tablet
	Condition:	Good
	Job ID:	ISO07340
	Sample ID:	I20507
	Received:	09JUN2026
	Completed:	11JUN2026
	Issued:	15JUN2026

Test Results

Mitragynine Derivatives [UHPLC-DAD]		Method Code: T100	Tested: 09JUN2026 2115		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Dihydro-7-hydroxymitragynine	Report Results	10.1	mg/unit	0.027	N/A
7-Hydroxymitragynine	Report Results	0.0518	mg/unit	0.027	N/A
Mitragynine Pseudoindoxyl	Report Results	<LOQ	mg/unit	0.027	N/A

Mitragynine Derivatives [UHPLC-DAD]		Method Code: T100	Tested: 09JUN2026 2115		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Dihydro-7-hydroxymitragynine	Report Results	2.05	w/w%	0.0054	N/A
7-Hydroxymitragynine	Report Results	0.0105	w/w%	0.0054	N/A
Mitragynine Pseudoindoxyl	Report Results	<LOQ	w/w%	0.0054	N/A

Residual Solvents: Class I (GC-MS)		Method Code: T201	Tested: 11JUN2026 0418		
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: 11JUN2026 0418		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Methanol	NMT 3000	<LOQ	ug/g	75	PASS
Acetonitrile	NMT 410	<LOQ	ug/g	41	PASS

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
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	<LOQ	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
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: 11JUN2026 0418		
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	<LOQ	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	<LOQ	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	

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Butyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
Dimethylsulfoxide	NMT 5000	<LOQ	ug/g	125	PASS
Anisole	NMT 5000	<LOQ	ug/g	125	PASS

Unit Weight Analysis (Gravimetric)		Method Code: T503		Tested: 09JUN2026 1540	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Unit Weight	Report Results	0.495	grams	0.05	N/A

Additional Report Notes

N/A

Revision History

Report ID: c9d60181-286e-45e3-994f-fe38dfbc7f4d
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
Name:	Tyler West	Department:	Management
		Date:	15JUN2026