




Certificate of Analysis

Customer Information		Testing Facility	
Client:	MitraMan Botanicals	Lab:	Cora Science, LLC
Attention:	(512) 200-1032	Address	8000 Anderson Square, STE 113
Address:	PO Box 8305		Austin, Texas 78757
	Round Rock, TX 78683	Contact:	info@corascience.com
			(512) 856-5007

Sample Image(s)	Sample Information
	<div><div>Name:</div><div>Lot Number:</div><div>Description:</div><div>Condition:</div><div>Job ID:</div><div>Sample ID:</div><div>Received:</div><div>Completed:</div><div>Issued:</div></div> <div><div>Kratom Extract #20</div><div>0525</div><div>Powdered botanical extract</div><div>Good</div><div>ISO04009</div><div>I10495</div><div>19MAY2025</div><div>23MAY2025</div><div>27MAY2025</div></div>

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 23MAY2025 1632		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	14.9	w/w%	0.041	N/A	
7-Hydroxymitragynine	Report Results	0.0908	w/w%	0.041	N/A	
Mitragynine Pseudoindoxyl	Report Results	<LOQ	w/w%	0.041	N/A	
Mitraciliatine	Report Results	2.57	w/w%	0.041	N/A	
Speciociliatine	Report Results	21.0	w/w%	0.041	N/A	
Speciogynine	Report Results	6.78	w/w%	0.041	N/A	
Paynantheine	Report Results	8.04	w/w%	0.041	N/A	
Corynoxine	Report Results	2.13	w/w%	0.041	N/A	
Isorhynchophylline	Report Results	0.514	w/w%	0.041	N/A	
Mitraphylline	Report Results	<LOQ	w/w%	0.041	N/A	
Total Mitragyna Alkaloids	Report Results	56.0	w/w%	0.041	N/A	

Residual Solvents: Class I (GC-MS)		Method Code: T201		Tested: 21MAY2025 2218		
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: 21MAY2025 2218		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Methanol	NMT 3000	<LOQ	ug/g	75	PASS	

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Acetonitrile	NMT 410	<LOQ	ug/g	10	PASS
Dichloromethane	NMT 600	<LOQ	ug/g	15	PASS
1,2-Dichloroethene, (E)	NMT 1870	<LOQ	ug/g	47	PASS
1,2-Dichloroethene, (Z)	NMT 1870	<LOQ	ug/g	47	PASS
Tetrahydrofuran	NMT 720	<LOQ	ug/g	18	PASS
Cyclohexane	NMT 3880	<LOQ	ug/g	97	PASS
Methylcyclohexane	NMT 1180	<LOQ	ug/g	30	PASS
1,4-Dioxane	NMT 380	<LOQ	ug/g	9.5	PASS
Toluene	NMT 890	<LOQ	ug/g	22	PASS
Chlorobenzene	NMT 360	<LOQ	ug/g	9.0	PASS
Ethylbenzene	NMT 2170	<LOQ	ug/g	54	PASS
o/p-Xylene	NMT 2170	<LOQ	ug/g	54	PASS
m-Xylene	NMT 2170	<LOQ	ug/g	54	PASS
Isopropylbenzene	NMT 70	<LOQ	ug/g	1.8	PASS
Hexane	NMT 290	<LOQ	ug/g	7.3	PASS
Nitromethane	NMT 50	<LOQ	ug/g	1.3	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	2.0	PASS
Pyridine	NMT 200	<LOQ	ug/g	5.0	PASS
2-Hexanone	NMT 50	<LOQ	ug/g	1.3	PASS
Tetralin	NMT 100	<LOQ	ug/g	2.5	PASS

Residual Solvents: Class III (GC-MS)		Method Code: T201		Tested: 21MAY2025 2218		
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
Anisole	NMT 5000	<LOQ	ug/g	125	PASS
Dimethylsulfoxide	NMT 5000	<LOQ	ug/g	125	PASS

Additional Report Notes

N/A

Revision History

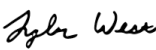
rev 00 - Initial release.

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
Name:	Tyler West	Department:	Management
		Date:	27MAY2025