



Certificate of Analysis

Customer Information		Testing Facility	
Client:	Alkaloid Consumers	Lab:	Cora Science, LLC
Attention:	admin@alkaloidconsumers.com	Address	8000 Anderson Square, STE 113
Address:	5753 S Prince St, #7		Austin, Texas 78757
	Littleton, CO 80120	Contact:	info@corascience.com
			(512) 856-5007

Sample Image(s)



Sample Information

Name:	Lab Direct 7 65.6 7OH
Lot Number:	NA
Description:	Powdered fine chemical
Condition:	Good
Job ID:	ISO06546
Sample ID:	I18300
Received:	13MAR2026
Completed:	14MAR2026
Issued:	17MAR2026

Test Results

Residual Solvents: Class I (GC-MS)		Method Code: T201		Tested: 14MAR2026 1430		
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: 14MAR2026 1430		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Methanol	NMT 3000	559	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	<LOQ	ug/g	1.75	PASS	

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
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: 14MAR2026 1430	
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	2,450	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	3,418	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
Dimethylsulfoxide	NMT 5000	<LOQ	ug/g	125	PASS
Anisole	NMT 5000	<LOQ	ug/g	125	PASS

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 14MAR2026 0819	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	4.68	w/w%	0.090	N/A
7-Hydroxymitragynine	Report Results	44.3	w/w%	0.012	N/A
Paynantheine	Report Results	0.157	w/w%	0.090	N/A
Speciogynine	Report Results	<LOQ	w/w%	0.090	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.090	N/A
Total Mitragyna Alkaloids	Report Results	49.1	w/w%	0.090	N/A

Additional Report Notes

N/A

Revision History

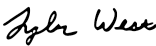
Report ID: c46dbec2-0420-4680-996f-2f3796b62f22
rev 00 - Initial release.

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:	17MAR2026