



Certificate of Analysis

Customer Information

Client: Alkaloid Consumers
Attention: admin@alkaloidconsumers.com
Address: 5753 S Prince St, #7
Littleton, CO 80120

Testing Facility

Lab: Cora Science, LLC
Address 8000 Anderson Square, STE 113
Austin, Texas 78757
Contact: info@corascience.com
(512) 856-5007

Sample Image(s)



Sample Information

Name: Stout Alkz Mitragynine 75% Freebase
Lot Number: NA
Description: Powdered fine chemical
Condition: Good
Job ID: ISO06546
Sample ID: I18299
Received: 13MAR2026
Completed: 14MAR2026
Issued: 17MAR2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 14MAR2026 0508		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	72.1	w/w%	0.0014	N/A	
7-Hydroxymitragynine	Report Results	0.860	w/w%	0.00011	N/A	
Paynantheine	Report Results	8.15	w/w%	0.0016	N/A	
Speciogynine	Report Results	6.51	w/w%	0.0015	N/A	
Speciociliatine	Report Results	3.57	w/w%	0.0016	N/A	
Total Mitragyna Alkaloids	Report Results	91.1	w/w%	0.0016	N/A	

Residual Solvents: Class I (GC-MS)		Method Code: T201		Tested: 14MAR2026 1337		
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 1337		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Methanol	NMT 3000	14,270	ug/g	75	FAIL	
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	

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Cyclohexane	NMT 3880	325	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	29.1	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: 14MAR2026 1337		
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	2,955	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	

Additional Report Notes

N/A

Revision History

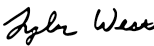
Report ID: 0802c613-235f-4a6a-a322-9cfdae0ceee8
rev 00 - Initial release.

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