



Certificate of Analysis

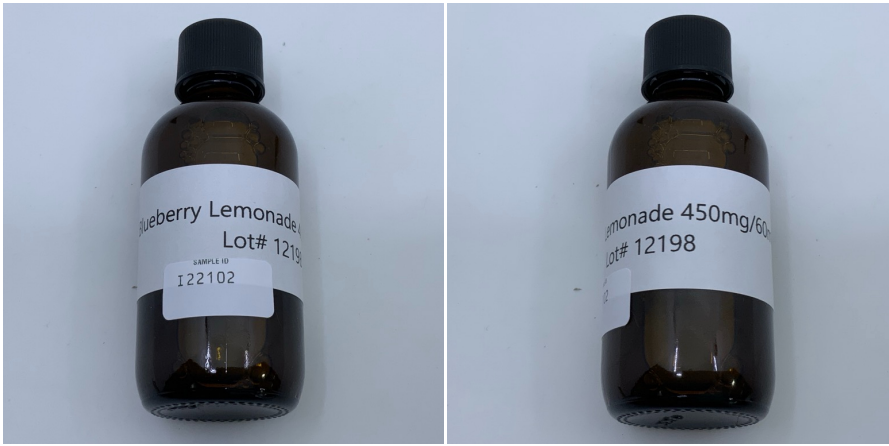
Customer Information

Client: Prof Whyte's Kratom
Attention: (954) 470-1891
Address: 7901 SW 6th Ct, Suite 250B
Plantation, FL 33324

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: 450 mg K-Plex Extract Shot Blueberry Lemonade
Lot Number: 12198
Description: Liquid botanical extract
Condition: Good
Job ID: ISO07870
Sample ID: I22102
Received: 11AUG2026
Completed: 13AUG2026
Report Date: 18AUG2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 12AUG2026 0043		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	467	mg/unit	5.46	N/A	
Paynantheine	Report Results	58.9	mg/unit	5.46	N/A	
Speciogynine	Report Results	39.9	mg/unit	5.46	N/A	
Speciociliatine	Report Results	52.9	mg/unit	5.46	N/A	
Total Mitragyna Alkaloids	Report Results	619	mg/unit	5.46	N/A	

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 12AUG2026 0043		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	0.740	w/w%	0.0086	N/A	
Paynantheine	Report Results	0.0934	w/w%	0.0086	N/A	
Speciogynine	Report Results	0.0632	w/w%	0.0086	N/A	
Speciociliatine	Report Results	0.0838	w/w%	0.0086	N/A	
Total Mitragyna Alkaloids	Report Results	0.980	w/w%	0.0086	N/A	

Mitragynine Derivatives [UHPLC-MS]		Method Code: T191		Tested: 13AUG2026 0410		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
7-hydroxymitragynine	Report Results	23.7	ug/g	1.84	MDL: 1.38	
9-hydroxycorynantheidine	Report Results	<LOQ (0.865)	ug/g	1.38	MDL: 0.46	
Mitragynine Pseudoindoxyl	Report Results	<LOQ (0.656)	ug/g	1.38	MDL: 0.46	
7-acetoxymitragynine	Report Results	ND	ug/g	1.38	MDL: 0.46	
Dihydro-7-hydroxymitragynine	Report Results	ND	ug/g	1.38	MDL: 0.46	
10-fluoro-dihydro-7-hydroxymitragynine	Report Results	ND	ug/g	1.38	MDL: 0.46	

Unit Weight Analysis (Gravimetric)		Method Code: T503		Tested: 11AUG2026 2046	
PARAMETER	SPECIFICATION	RESULT	UNIT	RANGE	NOTES
Density	Report Results	1.052	g/mL	0.5-1.5	N/A

Loss on Drying		Method Code: T505		Tested: 13AUG2026 1431	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Loss on Drying	Report Results	78.2	%	0.1	N/A

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density and package specified fill volume. 10-fluoro-dihydro-7-hydroxymitragynine refers to CAS 1158901-40-6 also known as MGM-16.

Revision History

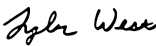
Report ID: ad756164-f7b6-5249-919d-01d1421268ca
rev 00 - Initial release.
rev 01 - Technical revision.
rev 02 - Updated customer information per client request.

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:	18AUG2026