

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: Kava + KPLEX Extract Shot
Lot Number: 012463001
Description: Liquid botanical extract
Condition: Good
Job ID: ISO01648
Sample ID: I03355
Received: 18JAN2024
Completed: 19JAN2024
Issued: 19JAN2024

Test Results

Kavalactones (UHPLC-DAD)

Method Code: T104

Tested: 18JAN2024 | 2258

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.309	w/w%	0.009	N/A
Dihydrokavain	Report Results	0.255	w/w%	0.009	N/A
Methysticin	Report Results	0.097	w/w%	0.009	N/A
Dihydromethysticin	Report Results	0.095	w/w%	0.009	N/A
Yangonin	Report Results	0.114	w/w%	0.009	N/A
Desmethoxyyangonin	Report Results	0.103	w/w%	0.009	N/A
Flavokawain A	Report Results	0.014	w/w%	0.009	N/A
Flavokawain B	Report Results	0.023	w/w%	0.009	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.009	N/A
Total Kavalactones	Report Results	0.973	w/w%	0.009	N/A

Kavalactones (UHPLC-DAD)

Method Code: T104

Tested: 18JAN2024 | 2258

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	3.48	mg/mL	0.10	N/A
Dihydrokavain	Report Results	2.87	mg/mL	0.10	N/A
Methysticin	Report Results	1.09	mg/mL	0.10	N/A
Dihydromethysticin	Report Results	1.07	mg/mL	0.10	N/A
Yangonin	Report Results	1.29	mg/mL	0.10	N/A
Desmethoxyyangonin	Report Results	1.16	mg/mL	0.10	N/A
Flavokawain A	Report Results	0.156	mg/mL	0.10	N/A
Flavokawain B	Report Results	0.263	mg/mL	0.10	N/A
Flavokawain C	Report Results	<LOQ	mg/mL	0.10	N/A
Total Kavalactones	Report Results	11.0	mg/mL	0.10	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 19JAN2024 | 0547

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.67	mg/mL	0.10	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/mL	0.03	N/A
Paynantheine	Report Results	0.168	mg/mL	0.10	N/A
Speciogynine	Report Results	0.131	mg/mL	0.10	N/A
Speciociliatine	Report Results	0.204	mg/mL	0.10	N/A
Total Mitragyna Alkaloids	Report Results	2.18	mg/mL	0.10	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 19JAN2024 | 0547

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.149	w/w%	0.009	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.002	N/A
Paynantheine	Report Results	0.015	w/w%	0.009	N/A
Speciogynine	Report Results	0.012	w/w%	0.009	N/A
Speciociliatine	Report Results	0.018	w/w%	0.009	N/A
Total Mitragyna Alkaloids	Report Results	0.193	w/w%	0.009	N/A

Additional Report Notes

T102 and T104 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.126 g/mL.

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:

Name:

Tyler West

Position:

Laboratory Director

Department:

Management

Date:

19JAN2024