

Certificate of Analysis



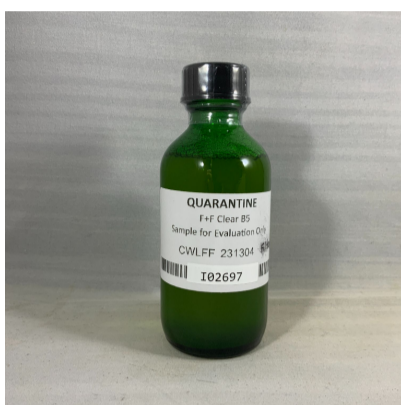
Customer Information

Client: CWL Brands
Attention: (208) 577-7668
Address: 11193 W Emerald St, STE 140
 Boise, ID 83713

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: F+F Clear B5 Filtered
Lot Number: CWLFFB5 2131304
Description: Liquid botanical extract
Condition: Good
Job ID: ISO01484
Sample ID: I02697
Received: 25OCT2023
Completed: 26OCT2023
Issued: 27OCT2023

Test Results

Kavalactones (UHPLC-DAD)

Method Code: T104

Tested: 25OCT2023 | 2029

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	0.222	w/w%	0.003	N/A
Dihydrokavain	Report Results	0.186	w/w%	0.003	N/A
Methysticin	Report Results	0.079	w/w%	0.003	N/A
Dihydromethysticin	Report Results	0.071	w/w%	0.003	N/A
Yangonin	Report Results	0.030	w/w%	0.003	N/A
Desmethoxyyangonin	Report Results	0.072	w/w%	0.003	N/A
Flavokawain A	Report Results	0.011	w/w%	0.003	N/A
Flavokawain B	Report Results	0.019	w/w%	0.003	N/A
Flavokawain C	Report Results	<LOQ	w/w%	0.003	N/A
Total Kavalactones	Report Results	0.661	w/w%	0.003	N/A

Kavalactones (UHPLC-DAD)

Method Code: T104

Tested: 25OCT2023 | 2029

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Kavain	Report Results	2.29	mg/mL	0.03	N/A
Dihydrokavain	Report Results	1.91	mg/mL	0.03	N/A
Methysticin	Report Results	0.811	mg/mL	0.03	N/A
Dihydromethysticin	Report Results	0.727	mg/mL	0.03	N/A
Yangonin	Report Results	0.312	mg/mL	0.03	N/A
Desmethoxyyangonin	Report Results	0.743	mg/mL	0.03	N/A
Flavokawain A	Report Results	0.117	mg/mL	0.03	N/A
Flavokawain B	Report Results	0.191	mg/mL	0.03	N/A
Flavokawain C	Report Results	<LOQ	mg/mL	0.03	N/A
Total Kavalactones	Report Results	6.79	mg/mL	0.03	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 26OCT2023 | 0834

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.20	mg/mL	0.03	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/mL	0.01	N/A
Paynantheine	Report Results	0.184	mg/mL	0.03	N/A
Speciogynine	Report Results	0.095	mg/mL	0.03	N/A
Speciociliatine	Report Results	0.098	mg/mL	0.03	N/A
Total Mitragyna Alkaloids	Report Results	1.58	mg/mL	0.03	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 26OCT2023 | 0834

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.117	w/w%	0.003	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.001	N/A
Paynantheine	Report Results	0.018	w/w%	0.003	N/A
Speciogynine	Report Results	0.009	w/w%	0.003	N/A
Speciociliatine	Report Results	0.010	w/w%	0.003	N/A
Total Mitragyna Alkaloids	Report Results	0.154	w/w%	0.003	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 1.027 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:

27OCT2023