

Certificate of Analysis



Customer Information

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Testing Facility

Lab: Cora Science, LLC
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Sample Image(s)



Sample Information

Name: ICON 300
Lot Number: 002EXP3/26
Description: Liquid botanical extract
Condition: Good
Job ID: ISO02517
Sample ID: I06129
Received: 16SEP2024
Completed: 19SEP2024
Issued: 19SEP2024

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 19SEP2024 | 0759

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.73	w/w%	0.003	N/A
7-Hydroxymitragynine	Report Results	0.005	w/w%	0.001	N/A
Paynantheine	Report Results	0.100	w/w%	0.003	N/A
Speciogynine	Report Results	0.068	w/w%	0.003	N/A
Speciociliatine	Report Results	0.032	w/w%	0.003	N/A
Total Mitragyna Alkaloids	Report Results	1.94	w/w%	0.003	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 19SEP2024 | 0759

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	273	mg/unit	0.46	N/A
7-Hydroxymitragynine	Report Results	0.864	mg/unit	0.12	N/A
Paynantheine	Report Results	15.7	mg/unit	0.46	N/A
Speciogynine	Report Results	10.8	mg/unit	0.46	N/A
Speciociliatine	Report Results	5.11	mg/unit	0.46	N/A
Total Mitragyna Alkaloids	Report Results	305	mg/unit	0.46	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 17SEP2024 | 1552

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.5	<LOQ	ug/g	0.0060	PASS
Cadmium	NMT 0.5	<LOQ	ug/g	0.0020	PASS
Lead	NMT 0.5	<LOQ	ug/g	0.0020	PASS
Mercury	NMT 0.2	<LOQ	ug/g	0.0020	PASS

Microbiological Examination

Method Code: T005

Tested: 16SEP2024 | 1804

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS
Total Coliforms	10,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU / 10 g	PASS
Salmonella	Not Detected in 25 g	Not Detected	N/A	1 CFU / 25 g	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.049 g/mL and package specified fill volume of 15.0 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:

19SEP2024