

Certificate of Analysis



Customer Information

Client: Psinergy Brands
Attention: (888) 420-4266
Address: 3535 Peachtree Road NE, Suite 520-554
 Atlanta, GA 30326

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: ICON 300MG
Lot Number: 001
Description: Liquid botanical extract
Condition: Good
Job ID: ISO02232
Sample ID: I05245
Received: 05JUL2024
Completed: 10JUL2024
Issued: 12JUL2024

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 09JUL2024 | 1243

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	242	mg/unit	1.42	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.38	N/A
Paynantheine	Report Results	14.8	mg/unit	1.42	N/A
Speciogynine	Report Results	9.99	mg/unit	1.42	N/A
Speciociliatine	Report Results	4.79	mg/unit	1.42	N/A
Total Mitragyna Alkaloids	Report Results	271	mg/unit	1.42	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 09JUL2024 | 1243

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.53	w/w%	0.009	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.002	N/A
Paynantheine	Report Results	0.094	w/w%	0.009	N/A
Speciogynine	Report Results	0.063	w/w%	0.009	N/A
Speciociliatine	Report Results	0.030	w/w%	0.009	N/A
Total Mitragyna Alkaloids	Report Results	1.72	w/w%	0.009	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 09JUL2024 | 1542

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.5	0.057	ug/g	0.0060	PASS
Cadmium	NMT 0.5	<LOQ	ug/g	0.0020	PASS
Lead	NMT 0.5	0.0059	ug/g	0.0020	PASS
Mercury	NMT 3.0	<LOQ	ug/g	0.0020	PASS

Microbiological Examination

Method Code: T005

Tested: 08JUL2024 | 0819

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

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.050 g/mL and a customer-specified product volume of 15 mL.

Revision History

rev 00 - Initial release.

rev 01 - Updated customer contact information.

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

Department:

Management

Name:

Tyler West

Date:

12JUL2024