

# 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 500MG  
**Lot Number:** 002EXP3/26  
**Description:** Liquid botanical extract  
**Condition:** Good  
**Job ID:** ISO02551  
**Sample ID:** I06205  
**Received:** 24SEP2024  
**Completed:** 27SEP2024  
**Issued:** 01OCT2024

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 27SEP2024 | 1312

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	544	mg/unit	1.39	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/unit	0.37	N/A
Paynantheine	Report Results	6.56	mg/unit	1.39	N/A
Speciogynine	Report Results	4.29	mg/unit	1.39	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	1.39	N/A
Total Mitragyna Alkaloids	Report Results	555	mg/unit	1.39	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 27SEP2024 | 1312

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	3.48	w/w%	0.009	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.002	N/A
Paynantheine	Report Results	0.042	w/w%	0.009	N/A
Speciogynine	Report Results	0.027	w/w%	0.009	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.009	N/A
Total Mitragyna Alkaloids	Report Results	3.55	w/w%	0.009	N/A

### Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 24SEP2024 | 1735

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: 24SEP2024 | 1220

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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 1.041 g/mL and a 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:**

01OCT2024