

## Certificate of Analysis



## Customer Information

**Client:** Super Organics  
**Attention:** (754) 800-5219  
**Address:** 7901 4th St N, STE 300  
 St. Petersburg, FL 33702

## 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:** Kratom Powder  
**Lot Number:** 0002842  
**Description:** Finely ground plant material  
**Condition:** Good  
**Job ID:** ISO01548  
**Sample ID:** I02956  
**Received:** 22NOV2023  
**Completed:** 29NOV2023  
**Issued:** 01DEC2023

## Test Results

## Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 26NOV2023 | 2148

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.79	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	0.012	w/w%	0.003	N/A
Paynantheine	Report Results	0.329	w/w%	0.011	N/A
Speciogynine	Report Results	0.253	w/w%	0.011	N/A
Speciociliatine	Report Results	0.415	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.80	w/w%	0.011	N/A

## Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 29NOV2023 | 1505

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	0.47	ug/g	0.00020	PASS
Cadmium	NMT 0.4	0.029	ug/g	0.00020	PASS
Lead	NMT 1.25	0.48	ug/g	0.00020	PASS
Mercury	NMT 0.2	0.056	ug/g	0.00020	PASS

## Microbiological Examination

Method Code: T005

Tested: 27NOV2023 | 1156

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	770	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	130	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	Not Detected	CFU/gram	20 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

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T301 performed by a registered outsourcing facility. Specifications provided by client.

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## Revision History

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rev 00 - Initial release.

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## Abbreviations

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**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

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## Authorization

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This report has been authorized for release from Cora Science by:

**Signature:**

*Tyler West*

**Position:**

Laboratory Director

**Department:**

Management

**Name:**

Tyler West

**Date:**

01DEC2023

**SPECTIOSA**

**RAW LEAF**