

# Certificate of Analysis



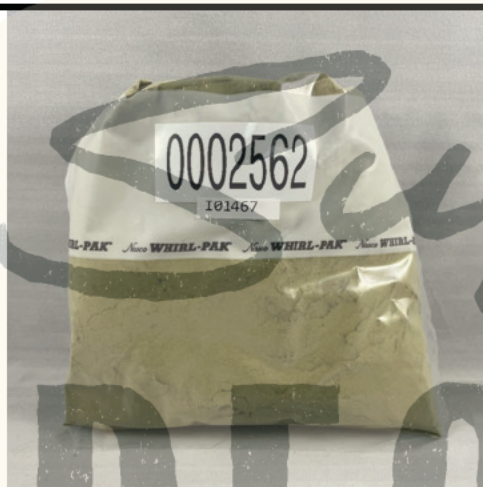
## CUSTOMER INFORMATION

Client Name: Super Organics  
 Attention: Joey Levin  
 Address: 7901 4<sup>th</sup> St. N, STE 300  
 St. Petersburg, FL 33702  
 Phone Number: (754) 800-5219

## TESTING FACILITY

Cora Science, LLC  
 8000 Anderson Square, STE 113  
 Austin, Texas 78757  
 (512) 856-5007  
 info@corascience.com

## SAMPLE IMAGE(S)



## JOB / SAMPLE INFORMATION

Received: 17 MAR 2023  
 Condition: Good  
 Job ID: ISO01174  
 Sample ID: I01467  
 Sample Name: Kratom Powder  
 Lot 0002562  
 Description: Finely ground plant material  
 Completed: 24 MAR 2023  
 Issued: 24 MAR 2023

## TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested: 24MAR2023   0720	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.383	w/w%	0.020	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.020	N/A
Paynantheine	Report Results	0.271	w/w%	0.020	N/A
Speciogynine	Report Results	0.176	w/w%	0.020	N/A
Speciociliatine	Report Results	0.458	w/w%	0.020	N/A
Total Alkaloids	Report Results	2.288	w/w%	0.020	N/A

Elemental Impurities (ICP-MS)		Method Code:	T301	Tested: 22MAR2023   2050	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	0.280	ug/g	0.045	PASS
Cadmium	NMT 0.4	0.023	ug/g	0.009	PASS
Lead	NMT 1.25	0.120	ug/g	0.009	PASS
Mercury	NMT 0.2	0.110	ug/g	0.009	PASS

**Microbiological Examination**
**Method Code:**

T005

**Tested:** 20MAR2023 | 1619

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	4,700	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	1,940	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	120	CFU/gram	20 CFU/gram	PASS
<i>Escherichia coli</i>	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS
<i>Salmonella</i>	Not Detected in 25 grams	Not Detected	N/A	1 CFU/25 grams	PASS

**ADDITIONAL REPORT NOTES**

T301 performed by a registered outsourcing facility.

**REVISION HISTORY**

rev00 Initial release.

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

**Signature:**

**Department:**

Management

**Name:**

Tyler West, Laboratory Director

**Date:**

24 MAR 2023

**ABBREVIATIONS**

ID: identification, N/A: not applicable, LOQ: limit of quantitation, <LOQ: below limit of quantitation, CFU: colony forming units, mg: milligrams, g: grams, ug: micrograms, mL: milliliters, w/w%: weight by weight percent, ND: not detected, 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