

Certificate of Analysis



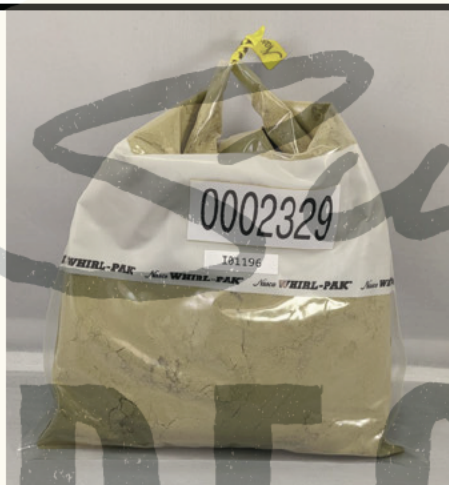
CUSTOMER INFORMATION

Client Name: Super Organics
 Attention: Joey Levin
 Address: 7901 4th 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: 28 OCT 2022
 Condition: Good
 Job ID: ISO01070
 Sample ID: I01196
 Sample Name: Kratom Powder, Lot 0002329
 Description: Powder plant material
 Completed: 02 NOV 2022
 Issued: 09 NOV 2022

TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested: 02NOV2022 / 1446	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	2.033	w/w%	0.042	N/A
7-Hydroxymitragynine	NMT 0.1	<LOQ	w/w%	0.042	PASS
Paynantheine	Report Results	0.428	w/w%	0.042	N/A
Speciogynine	Report Results	0.273	w/w%	0.042	N/A
Speciociliatine	Report Results	0.602	w/w%	0.042	N/A
Total Mitragyna Alkaloids	Report Results	3.336	w/w%	0.042	N/A

Elemental Impurities (ICP-MS)		Method Code:	EAM 4.8	Tested: 31OCT2022 / 2147	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	<LOQ	ug/g	0.091	PASS
Cadmium	NMT 0.4	0.061	ug/g	0.036	PASS
Lead	NMT 1.0	0.190	ug/g	0.036	PASS
Mercury	NMT 0.2	<LOQ	ug/g	0.036	PASS
Nickel	NMT 20.0	0.610	ug/g	0.090	PASS

Microbiological Examination		Method Code:	T005	Tested: 31OCT2022 / 1056	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	150	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	Not Detected	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	Not Detected	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

Specifications provided by client. EAM 4.8 performed by a registered outsourcing facility.

REVISION HISTORY

rev00 Initial release.
rev01 Updated test specifications.

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

Signature: *Tyler West* Department: Management
Name: Tyler West, Laboratory Director Date: 09 NOV 2022

ABBREVIATIONS

ID: identification, N/A: not applicable, LOQ: limit of quantitation, CFU: colony forming units, mg: milligrams, g: grams, ug: micrograms, mL: milliliters, 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