Certificate of Analysis



CUSTOMER INFORMATION

Client Name: Christopher's Organic Botanicals

Attention: Christopher Deaney

Address: 567 Salem Quinton Road, Suite C

Salem, New Jersey 08079

Phone Number: (856) 496-1810

TESTING FACILITY

Cora Science, LLC

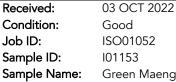
8000 Anderson Square, STE 113

Austin, Texas 78757 (512) 856-5007

info@corascience.com

SAMPLE IMAGE(S)

JOB / SAMPLE INFORMATION



Sample Name: Green Maeng Da, Lot 151413
Description: Crushed plant material

Completed: 08 OCT 2022

Completed: 08 OCT 2022 Issued: 10 OCT 2022



TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested: 05OCT2022 / 2111	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.70	w/w%	0.013	N/A
7-Hydroxymitragynine	Report Results	<loq< td=""><td>w/w%</td><td>0.013</td><td>N/A</td></loq<>	w/w%	0.013	N/A
Paynantheine	Report Results	0.39	w/w%	0.013	N/A
Speciogynine	Report Results	0.27	w/w%	0.013	N/A
Speciociliatine	Report Results	0.55	w/w%	0.013	N/A
Total Mitragyna Alkaloids	Report Results	2.90	w/w%	0.013	N/A
Elemental Impurities (ICP-MS)		Method Code:	EAM 4.8	Tested: 08OCT2022 / 1443	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.5	0.320	ug/g	0.099	PASS
Cadmium	NMT 0.5	0.059	ug/g	0.039	PASS
Lead	NMT 0.5	0.340	ug/g	0.039	PASS
Mercury	NMT 3.0	0.100	ug/g	0.039	PASS



Job ID: Sample ID: ISO01052 101153

Received: Released: 03OCT2022 10OCT2022

Department:

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Management

Microbiological Examination		Method Code:	T005	Tested: 04OCT2022 / 1502	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	16,733	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	40	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
Staphylococcus aureus	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

EAM 4.8 performed by a registered outsourcing facility.

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

Signature:

Juffer West
Tyler West, Laboratory Director 10 OCT 2022 Name: Date:

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