

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
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Sample Image(s)



Sample Information

Name: Kratom Gummy
Lot Number: STR01
Description: Botanical infused gummy candy
Condition: Good
Job ID: ISO01425
Sample ID: I02428
Received: 19SEP2023
Completed: 22SEP2023
Issued: 22SEP2023

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 19SEP2023 | 2018

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.07	w/w%	0.005	N/A
7-Hydroxymitragynine	Report Results	0.010	w/w%	0.001	N/A
Paynantheine	Report Results	0.145	w/w%	0.005	N/A
Speciogynine	Report Results	0.103	w/w%	0.005	N/A
Speciociliatine	Report Results	0.049	w/w%	0.005	N/A
Total Mitragyna Alkaloids	Report Results	1.38	w/w%	0.005	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 19SEP2023 | 2018

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	40.3	mg/unit	0.19	N/A
7-Hydroxymitragynine	Report Results	0.360	mg/unit	0.05	N/A
Paynantheine	Report Results	5.46	mg/unit	0.19	N/A
Speciogynine	Report Results	3.90	mg/unit	0.19	N/A
Speciociliatine	Report Results	1.86	mg/unit	0.19	N/A
Total Mitragyna Alkaloids	Report Results	51.9	mg/unit	0.19	N/A

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 22SEP2023 | 1523

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	<LOQ	ug/g	0.049	PASS
Cadmium	NMT 0.4	<LOQ	ug/g	0.0097	PASS
Lead	NMT 1.25	0.077	ug/g	0.0097	PASS
Mercury	NMT 0.2	<LOQ	ug/g	0.0097	PASS

Microbiological Examination

Method Code: T005

Tested: 19SEP2023 | 1140

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS
Escherichia coli	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS
Salmonella	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 3.773 grams. T301 performed by a registered outsourcing facility. Specifications provided by client.

Revision History

rev 00 - Initial release.

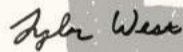
Abbreviations

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:



Position:

Laboratory Director

Department:

Management

Name:

Tyler West

Date:

22SEP2023

RAW LEAF