

Certificate of Analysis



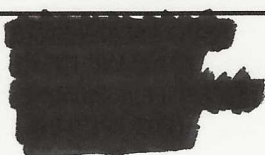
CUSTOMER INFORMATION

TESTING FACILITY

Client Name:

Address:

Phone Number:



Calm

Cora Science, LLC

8000 Anderson Square, STE 113

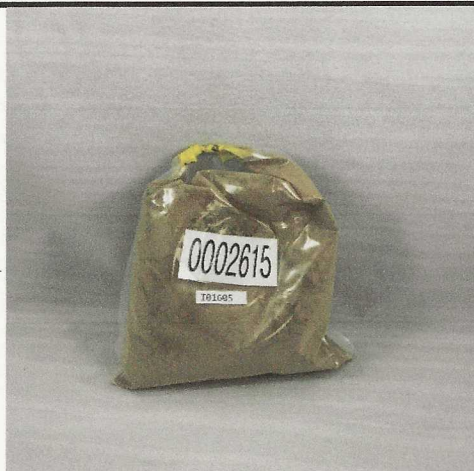
Austin, Texas 78757

(512) 856-5007

info@corascience.com

SAMPLE IMAGE(S)

JOB / SAMPLE INFORMATION



Received: 19 APR 2023
Condition: Good
Job ID: ISO01206
Sample ID: I01605
Sample Name: Kratom Powder
 Lot 0002615
Description: Finely ground plant material
Completed: 27 APR 2023
Issued: 08 SEP 2023

TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested: 21APR2023 1105	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.011	w/w%	0.020	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.020	N/A
Paynantheine	Report Results	0.195	w/w%	0.020	N/A
Speciogynine	Report Results	0.183	w/w%	0.020	N/A
Speciociliatine	Report Results	0.418	w/w%	0.020	N/A
Total Alkaloids	Report Results	1.808	w/w%	0.020	N/A

Elemental Impurities (ICP-MS)		Method Code:	T301	Tested: 27APR2023 2026	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.0	0.19	ug/g	0.049	PASS
Cadmium	NMT 0.4	0.037	ug/g	0.0097	PASS
Lead	NMT 1.25	0.48	ug/g	0.0097	PASS
Mercury	NMT 0.2	0.048	ug/g	0.0097	PASS

Microbiological Examination		Method Code:	T005	Tested: 24APR2023 I 1058	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	64,933	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	23,000	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	600	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. Specifications provided by client.

REVISION HISTORY

rev00 Initial release.
rev01 Updated client contact information and footer. This version does not supersede rev01.

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

Signature:  Department: Management
Name: Tyler West, Laboratory Director Date: 08 SEP 2023

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